

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Christmas Tree Green Low-Sol Brush-on Glaze
Product number P0002

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd.,
Campbell Road,
Stoke on Trent
Staffordshire.
UK. ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1782 745000 Office Hours

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified
Health hazards Elicitation - EUH208
Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

COPPER OXIDE		2.5 - 5%
CAS number: 1317-38-0	EC number: 215-269-1	REACH registration number: 01-2119502447-44-xxxx
M factor (Acute) = 1		
Classification		
Aquatic Acute 1 - H400		
Aquatic Chronic 3 - H412		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion Do not induce vomiting. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention.
Skin contact Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
Eye contact Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Protective actions during firefighting N/A

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material. Collect and place in suitable waste disposal containers and seal securely. For waste disposal, see Section 13.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

COPPER OXIDE

Long-term exposure limit (8-hour TWA): 1 mg/m³

Short-term exposure limit (15-minute): 2 mg/m³

COPPER OXIDE (CAS: 1317-38-0)

DNEL

Industry - Dermal; Long term systemic effects: 137 mg/kg/day
Industry - Oral; Long term systemic effects: 0.041 mg/kg/day

PNEC

The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Fresh water; 0.0078 mg/l
The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Marine water; Long term 0.0052 mg/l
The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Sediment (Freshwater); 87 mg/kg
- Sediment (Marine water); 676 mg/kg
- Soil; 65 mg/kg
- STP; 0.23 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering Controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. Unless the assessment indicates a higher degree of protection is required, the following protection should be worn: Tight-fitting safety glasses.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

Environmental exposure controls

Store in a demarcated bunded area to prevent release to drains and/or watercourses

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance

Coloured liquid.

Colour

Green.

Odour	No characteristic odour.
pH	pH (concentrated solution): 6-8
Relative density	1-2 @ ° C
Solubility(ies)	Insoluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not relevant

10.4. Conditions to avoid

Conditions to avoid Not known.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Not known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No information available.

General information

The product contains a small amount of a sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Inhalation

No specific health hazards known.

Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

Skin contact

May cause sensitisation or allergic reactions in sensitive individuals.

Eye contact

May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity

The product contains a substance which is toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

Toxicity No information available.

12.2. Persistence and degradability

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB.

12.6. Other adverse effects

Other adverse effects Not determined.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information

When handling waste, the safety precautions applying to handling of the product should be considered. Waste is classified as hazardous waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

Disposal methods

Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General

The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.potterycrafts.co.uk ;

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Not applicable.

Annex II of MARPOL 73/78

and the IBC Code

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

Health and Safety at Work etc. Act 1974 (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18

December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information**Revision date**

15/07/2015

Revision

7

Supersedes date

13/08/2014

SDS number

P0002

Hazard statements in full

EUH208 Contains 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE, Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

H400 Very toxic to aquatic life.

H412 Harmful to aquatic life with long lasting effects.

Disclaimer.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

Burnt Sugar Brush-on Glaze

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Burnt Sugar Brush-on Glaze

Product number P0004

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier Pottery crafts Ltd,
Campbell Road,
Stoke-on-Trent,
Staffordshire,
UK. ST4 4ET
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk

1.4. Emergency telephone number

Emergency telephone 44 (0)1782 745000 Office Hours 08:45 – 16:30 hours Mon-Friday.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Not Classified

Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Precautionary statements EUH208 Contains . May produce an allergic reaction.
EUH210 Safety data sheet available on request.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

MANGANESE DIOXIDE	1 - 2.5%
CAS number: 1313-13-9	EC number: 215-202-6
Classification	
Acute Tox. 4 - H302 Acute Tox. 4 - H332	
ZINC OXIDE	0.1 - 0.25%
CAS number: 1314-13-2	EC number: 215-222-5
M factor (Acute) = 1	M factor (Chronic) = 1
REACH registration number: 01-2119463881-32-****	
Classification	
Aquatic Acute 1 - H400 Aquatic Chronic 1 - H410	
Fine Fraction Crystalline Silica	<0.1%
CAS number: 14808-60-7 EC number: 238-878-4	
Classification	
STOT RE 1 - H372	

Formaldeide**<0.1%**

CAS number: 50-00-0

EC number: 200-001-8

Classification

Skin Corr. 1B - H314

Skin Sens. 1 - H317

Carc. 2 - H351

Acute Tox. 3 - H301

Acute Tox. 3 - H311

Acute Tox. 2 - H330

STOT SE 3 - H335

Eye Dam. 1 - H318

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation** Move affected person to fresh air at once. Get medical attention if any discomfort continues.**Ingestion** Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention.**Skin contact** Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.**Eye contact** Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if any discomfort continues.**4.2. Most important symptoms and effects, both acute and delayed****4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.**5.2. Special hazards arising from the substance or mixture****Specific hazards** The product is non-combustible. Toxic gases or vapours. Not known.**5.3. Advice for firefighters****Protective actions during firefighting** N/A**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.**6.2. Environmental precautions****Environmental precautions** Avoid discharge into drains or watercourses or onto the ground.**6.3. Methods and material for containment and cleaning up****Methods for cleaning up** Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.**6.4. Reference to other sections****SECTION 7: Handling and storage****7.1. Precautions for safe handling****Usage precautions** Do not eat, drink or smoke when using the product.**7.2. Conditions for safe storage, including any incompatibilities****Storage precautions** Keep container dry. Keep away from food, drink and animal feeding stuffs.**7.3. Specific end use(s)**

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters Occupational exposure limits MANGANESE DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 0,5 mg/m³
Short-term exposure limit (15-minute): WEL

ZINC OXIDE

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³
Short-term exposure limit (15-minute): 10 mg/m³

Fine Fraction Crystalline Silica

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

Formaldeide

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2,5 mg/m³
Short-term exposure limit (15-minute): WEL 2 ppm 2,5 mg/m³

WEL = Workplace Exposure Limit

ZINC OXIDE (CAS: 1314-13-2)

DNEL
Workers - Inhalation; Long term, systemic effects : 5 mg/m³
Workers - Inhalation; Long term local effects: 0.5 mg/m³
Workers - Dermal; Long term systemic effects: 83 mg/kg/day
General population - Inhalation; Long term systemic effects: 2.5 mg/m³
General population - Dermal; Long term systemic effects: 83 mg/kg/day
General population - Oral; Long term systemic effects: 0.83 mg/kg/day

PNEC
- Fresh water; 0.0206 mg/l
- Marine water; 0.0061 mg/l
- STP; 100 µg/l
- Sediment (Freshwater); 235.6* mg/kg, sediment dw
- Sediment (Marinewater); 113* mg/kg, sediment dw
- Soil; 106.8** mg/kg
The units given are 'mg' of Zinc. These PNECs are added value PNECs - they are to be added to the natural background levels of Zinc. In the appropriate compartments (e.g. soils, sediments). (*) A generic bioavailability factor of 0.5 is applied by default, according to the EU risk assessment (ECB 2008) (**) by default this value was multiplied by '3' to take into account "lab-to-field" differences in toxicity. (***) The PNEC for STP was derived by applying an assessment factor to the lowest relevant toxicity value (5.2 mg Zn/L). (Durka et al., 1983)

8.2. Exposure controls Protective equipment



Appropriate engineering Controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.

Respiratory protection

Wear a respirator fitted with the following cartridge: Particulate filter, type P3.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Coloured liquid.
Odour No characteristic odour.
pH pH (concentrated solution): 7-8
Relative density 1-2 @ °C
Solubility(ies) Insoluble in water.

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.potterycrafts.co.uk ;

9.2. Other information**SECTION 10: Stability and reactivity****10.1. Reactivity**

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions. Not relevant.

10.4. Conditions to avoid

Conditions to avoid Not known.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Not known.

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Toxicological effects No data recorded.

Acute toxicity - oral

ATE oral (mg/kg) 22,019.64

Acute toxicity - inhalation

ATE inhalation (gases ppm) 198,176.77

ATE inhalation (vapours mg/l) 484.43

ATE inhalation (dusts/mists mg/l) 66.06

General information

Prolonged inhalation of high concentrations may damage respiratory system.

Inhalation

No specific health hazards known.

Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

Skin contact

Prolonged contact may cause dryness of the skin.

Eye contact

May cause temporary eye irritation.

SECTION 12: Ecological Information**Ecotoxicity**

The product is not expected to be hazardous to the environment.

12.1. Toxicity

Toxicity No information available.

12.2. Persistence and degradability

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Mobility Not determined.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB assessment Not available

12.6. Other adverse effects

Other adverse effects Not known.

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	When handling waste, the safety precautions applying to handling of the product should be considered.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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14.1. UN number

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code Not applicable

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

EH40/2005 Workplace exposure limits.

EU legislation

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Guidance

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Revision comments

Reclassified based on REACH toxicity reports & consortia information.

Issued by

Product Regulations Dept

Revision date

29/04/2016

Revision

6

Supersedes date

11/10/2011

Hazard statements in full

H301 Toxic if swallowed.

H302 Harmful if swallowed.

H311 Toxic in contact with skin.

H314 Causes severe skin burns and eye damage.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H330 Fatal if inhaled.

H332 Harmful if inhaled.

H335 May cause respiratory irritation.

H351 Suspected of causing cancer.

H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name. TRANSPARENT L/S HAND BRUSHING GLAZE

Product No. P0009

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses. Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier. Pottery crafts Ltd
Campbell Road,
Stoke on Trent.
Staffordshire,
England.
ST4 4ET
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk

1.4. Emergency telephone number
+44(0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Elicitation – EUH208

Environmental hazards Not classified

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No pictogram required.

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole -2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

RESPIRABLE CRYSTALLINE SILICA		0.5-1%
CAS-No.: 14808-60-7	EC No.: 238-878-4	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
STOT RE 1 - H372	Xn;R48/20.	

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		0.25-0.5%
CAS-No.: 5395-50-6	EC No.: 226-408-0	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Sens. 1 - H317	R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Prolonged skin contact may cause redness and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA-8 hours	STEL-15 Mins	Notes
RESPIRABLE CRYSTALLINE SILICA		0.1 mg/m ³		

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Liquid
<u>Odour</u>	No characteristic odour.
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	1-2
<u>pH-Value, Conc. Solution</u>	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

General information

No specific health warnings noted.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

Acute Toxicity - Fish

Not available.

Acute Toxicity - Aquatic Invertebrates

Not available.

Acute Toxicity - Aquatic Plants

Not available.

Acute Toxicity - Terrestrial

Not available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONSGeneral information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATIONGeneral

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number14.2. UN proper shipping name14.3. Transport hazard class(es)14.4. Packing group14.5. Environmental hazards14.6. Special precautions for user14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixtureUk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 12/12/2014

Revision 4

Supersedes date 30/11/2012

Risk Phrases In Full

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R43 May cause sensitisation by skin contact.

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Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.pottery crafts.co.uk ;

NC Not classified.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H372 Causes damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name. TRANSPARENT L/S HAND BRUSHING GLAZE

Product No. P0009

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses. Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier. PotteryCrafts Ltd
Campbell Road,
Stoke on Trent,
Staffordshire,
England.
ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number
+44(0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Elicitation – EUH208

Environmental hazards Not classified

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No pictogram required.

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole -2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

RESPIRABLE CRYSTALLINE SILICA		0.5-1%
CAS-No.: 14808-60-7	EC No.: 238-878-4	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
STOT RE 1 - H372	Xn;R48/20.	

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		0.25-0.5%
CAS-No.: 5395-50-6	EC No.: 226-408-0	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Sens. 1 - H317	R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Prolonged skin contact may cause redness and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA-8 hours	STEL-15 Mins	Notes
RESPIRABLE CRYSTALLINE SILICA		0.1 mg/m ³		

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Liquid
<u>Odour</u>	No characteristic odour.
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	1-2
<u>pH-Value, Conc. Solution</u>	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

General information

No specific health warnings noted.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

Acute Toxicity - Fish

Not available.

Acute Toxicity - Aquatic Invertebrates

Not available.

Acute Toxicity - Aquatic Plants

Not available.

Acute Toxicity - Terrestrial

Not available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONSGeneral information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATIONGeneral

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number14.2. UN proper shipping name14.3. Transport hazard class(es)14.4. Packing group14.5. Environmental hazards14.6. Special precautions for user14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixtureUk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATIONRevision Date

12/12/2014

Revision

4

Supersedes date

30/11/2012

Risk Phrases In Full

R48/20

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R43

May cause sensitisation by skin contact.

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Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.pottery crafts.co.uk ;

NC Not classified.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H372 Causes damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Ivory L/S H/B Glaze

Product number P0017

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier Pottery crafts Ltd.
Campbell Road
Stoke
Stoke-on-Trent.
ST4 4ET
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0) 1782 745000 Office Hours 08:30 – 16:30 hrs Mon-Friday.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification
Physical hazards Not Classified

Health hazards Elicitation – EUH208

Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE, Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione	0.25-0.5%
CAS number: 5395-50-6	EC number: 226-408-0
Classification Skin Sens. 1B - H317	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Protective actions during firefighting N/A

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Appropriate engineering Controls	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Red-Brown Coloured liquid.
Odour	No characteristic odour.
pH	pH (concentrated solution): 6-8
Relative density	1-2 @ °C
Solubility(ies)	Insoluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not relevant
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10.4. Conditions to avoid

Conditions to avoid	Not known.
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10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Not known.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data recorded.
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	No harmful effects expected from quantities likely to be ingested by accident.
Skin contact	The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity No information available.

12.2. Persistence and degradability

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations Health and Safety at Work etc. Act 1974 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
Safety Data Sheets for Substances and Preparations.
Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

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SECTION 16: Other information

Revision date	18/07/2016
Revision	3
Supersedes date	13/03/2013
Hazard statements in full	H317 May cause an allergic skin reaction. EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Mirror Black Brushing Glaze
Product No. P0018

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier Pottery crafts Ltd
Campbell Road
Stoke on Trent
ST4 4ET
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk

1.4. Emergency telephone number +44(0)1782 745000

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification .

Physical hazards Not classified

Health hazards Elicitation EUH208

Environmental hazards Not classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Nickel iron chromite black spinel	1-5%
CAS-No.: 71631-15-7	EC No.: 275-738-1
Classification (EC 1272/2008) Not classified	Classification (67/548/EEC) Xn;R20/22

Iron cobalt chromite black spinel	1-5%
CAS-No.: 68186-97-0	EC No.: 269-060-5
Classification (EC 1272/2008) Not classified	Classification (67/548/EEC) Xn;R20/22.

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		< 1
CAS-No.: 5395-50-6	EC No.: 226-408-0	
Classification (EC 1272/2008) Skin Sens. 1 - H317	Classification (67/548/EEC) R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Odour	No characteristic odour.
Solubility	Insoluble in water
Relative density	1-2
pH-Value, Conc. Solution	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation
Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid
No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

Acute Toxicity

Skin Corrosion/Irritation

Serious Eye Damage/Irritation
Respiratory or Skin Sensitisation
Germ Cell Mutagenicity
Carcinogenicity
Reproductive Toxicity
Specific Target Organ Toxicity - Single Exposure
Specific Target Organ Toxicity - Repeated Exposure
Aspiration Hazard
Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations

Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Comments

Reclassified based on REACH toxicity reports & consortia information.

Revision Date 19/08/2015

Revision 5

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Hazard Statements In Full

H317 May cause an allergic skin reaction.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET Denim Blue Low Sol H/B Glaze

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name Denim Blue Low Sol H/B Glaze

Product No. P0023

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier: PotteryCrafts Ltd
Campbell Road
Stoke on Trent
ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk
www.potteryCrafts.co.uk

1.4. Emergency telephone number

+44(0)1782 745000

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards Not classified.

Health hazards Elicitation- EUH208

Environmental hazards Not classified.

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione

< 1

CAS-No.: 5395-50-6

EC No.: 226-408-0

Classification (EC 1272/2008)
Skin Sens. 1 - H317

Classification (67/548/EEC)
R43.

Denim Blue Low Sol H/B Glaze

QUARTZ	< 1
CAS-No.: 14808-60-7	EC No.: 238-878-4
Classification (EC 1272/2008) STOT Rep. 2 - H373	Classification (67/548/EEC) Xn;R48/20.
Olivine, cobalt silicate blue	< 1
CAS-No.: 68187-40-6	EC No.: 269-093-5
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R20/22.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation.

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin Contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye Contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective Measures In Fire

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

Denim Blue Low Sol H/B Glaze

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
Olivine, cobalt silicate blue		0.1				
QUARTZ			0.1 mg/m ³			

8.2. Exposure controls

Protective Equipment



Engineering Measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory Equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand Protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye Protection

If risk of splashing, wear safety goggles or face shield.

Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid
Odour	No characteristic odour.
Solubility	Insoluble in water
Relative Density	1-2
pH-Value, Conc. Solution	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

Denim Blue Low Sol H/B Glaze

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological Information

No data recorded.

General Information

No specific health warnings noted.

Inhalation

Dust in high concentrations may irritate the respiratory system.

Skin Contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye Contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

12.2. Persistence and degradability

Degradability:

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General Information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Denim Blue Low Sol H/B Glaze

14.2 UN Proper shipping name

14.3 Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations

Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Comments

Reclassified based on REACH toxicity reports & consortia information.

Issued By Product Regulations Dept

Revision Date 17/08/2015

Revision 2

Supersedes Date 23/02/2011

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

Bitter Honey Brush-on Glaze

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Bitter Honey Brush-on Glaze

Product number P0028

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd,
Campbell Road,
Stoke-on-Trent,
Staffordshire,
UK. ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

Emergency telephone 44 (0)1782 745000 Office Hours 08:45 – 16:30 hours Mon-Friday.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Elicitation-EUH208

Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Precautionary statements EUH208 Contains . May produce an allergic reaction.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Fine Fraction Crystalline Silica	<0.1%
CAS number: 14808-60-7 EC number: 238-878-4	
Classification STOT RE 1 - H372	

Formaldeide	<0.1%
CAS number: 50-00-0 EC number: 200-001-8	
Classification Skin Corr. 1B - H314 Skin Sens. 1 - H317 Carc. 2 - H351 Acute Tox. 3 - H301 Acute Tox. 3 - H311 Acute Tox. 2 - H330 STOT SE 3 - H335 Eye Dam. 1 - H318	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Do not induce vomiting. Get medical attention.
Skin contact	Remove contaminated clothing immediately and wash skin with soap and water. Get medical attention if any discomfort continues.
Eye contact	Rinse immediately with plenty of water. Continue to rinse for at least 10 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is non-combustible. Toxic gases or vapours. Not known.

5.3. Advice for firefighters

Protective actions during firefighting N/A

Special protective equipment for firefighters

Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep container dry. Keep away from food, drink and animal feeding stuffs.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Fine Fraction Crystalline Silica

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

Formaldehyde

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2,5 mg/m³

Short-term exposure limit (15-minute): WEL 2 ppm 2,5 mg/m³

WEL = Workplace Exposure Limit

Protective equipment



Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.potterycrafts.co.uk ;

Appropriate engineering Controls	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.
Respiratory protection	Wear a respirator fitted with the following cartridge: Particulate filter, type P3.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Odour	No characteristic odour.
pH	pH (concentrated solution): 7-8
Relative density	1-2 @ °C
Solubility(ies)	Insoluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions.	Not relevant.
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10.4. Conditions to avoid

Conditions to avoid	Not known.
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10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Not known.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data recorded.
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General information

Prolonged inhalation of high concentrations may damage respiratory system.

Inhalation

No specific health hazards known.

Ingestion

No harmful effects expected from quantities likely to be ingested by accident.

Skin contact

Prolonged contact may cause dryness of the skin.

Eye contact

May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity

The product is not expected to be hazardous to the environment.

12.1. Toxicity

Toxicity	No information available.
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12.2. Persistence and degradability

Persistence and degradability	The product contains only inorganic substances which are not biodegradable.
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12.3. Bioaccumulative potential

Bioaccumulative potential	No data available on bioaccumulation.
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12.4. Mobility in soil**Mobility** Not determined.**12.5. Results of PBT and vPvB assessment****Results of PBT and vPvB assessment** Not available**12.6. Other adverse effects****Other adverse effects** Not known.**SECTION 13: Disposal considerations****13.1. Waste treatment methods****General information** When handling waste, the safety precautions applying to handling of the product should be considered.**Disposal methods** Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.**SECTION 14: Transport information****General** The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).**14.1. UN number**

Not applicable.

14.2. UN proper shipping name

Not applicable.

14.3. Transport hazard class(es)

No transport warning sign required.

14.4. Packing group

Not applicable.

14.5. Environmental hazards**Environmentally hazardous substance/marine pollutant**

No.

14.6. Special precautions for user

Not applicable.

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code** Not applicable**SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****National regulations**

EH40/2005 Workplace exposure limits.

EU legislation

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Guidance

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information**Revision comments**

Reclassified based on REACH toxicity reports & consortia information.

Issued by

Product Regulations Dept

Revision date

29/04/2016

Revision

8

Supersedes date

15/07/2015

Hazard statements in full

H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled.

EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Soft Yellow L/S H/B Glaze

Product Number.. P0031

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier Pottery crafts Ltd.
Campbell Road,
Stoke on Trent
Staffordshire,
England.
ST4 4ET.
Tel 44 (0)1782 745000
sales@pottery crafts .co.uk

1.4. Emergency telephone number

+44 (0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards Not classified

Health hazards Elicitation- EUH208

Environmental hazards Not classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Quartz CAS-No. : 14808-60-7	EC No. : 238-878-4	<1%
Classification (EC 1272/2008 STOT RE 2 – H373	Classification (67/548/EEC) Xn ; R48/20	

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		< 1%
CAS No. : 5395-50-6	EC No. : 226-408-0	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Sens. 1 - H317	R43	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Dam and absorb spillage with sand, sawdust or other absorbent.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA – 8 Hrs	STEL – 15 Mins	Notes
Quartz		0.1 mg/m ³		

QUARTZ (CAS: 14808-60-7)

Ingredient Comments

Total Inhalable Dust 10mg/m³ - 8hr TWA Total respirable Dust 4mg/m³ - 8hr TWA

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Yellow Coloured liquid.
<u>Odour</u>	No characteristic odour.
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	1-2
<u>pH-Value, Conc. Solution</u>	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

<u>Revision Date</u>	20/08/2015
<u>Revision</u>	4
<u>Supersedes date</u>	12/12/2012

NC Not classified.

Hazard Statements In Full

H317	May cause an allergic skin reaction.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

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SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name. CHAMPAGNE L/S HAND BRUSHING GLAZE

Product No. P0034

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses. Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier. PotteryCrafts Ltd
Campbell Road,
Stoke on Trent,
Staffordshire,
England.
ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number
+44(0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards Not classified

Health hazards Elicitation-EUH208

Environmental hazards Not classified

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No pictogram required.

Hazard statement EUH208 Contains Tetrahydro-1,3,4,6-trakis(hydroxymethyl)imidazo(4,5-d)imidazole -2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

RESPIRABLE CRYSTALLINE SILICA		0.5-1%
CAS-No.: 14808-60-7	EC No.: 238-878-4	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
STOT RE 1 - H372	Xn;R48/20.	

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		0.25-0.5%
CAS-No.: 5395-50-6	EC No.: 226-408-0	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Sens. 1 - H317	R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Prolonged skin contact may cause redness and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA-8 hours	STEL-15 Mins	Notes
RESPIRABLE CRYSTALLINE SILICA		0.1 mg/m ³		

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Pink – White Liquid
<u>Odour</u>	No characteristic odour.
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	1-2
<u>pH-Value, Conc. Solution</u>	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

General information

No specific health warnings noted.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

Acute Toxicity - Fish

Not available.

Acute Toxicity - Aquatic Invertebrates

Not available.

Acute Toxicity - Aquatic Plants

Not available.

Acute Toxicity - Terrestrial

Not available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONSGeneral information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATIONGeneral

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number14.2. UN proper shipping name14.3. Transport hazard class(es)14.4. Packing group14.5. Environmental hazards14.6. Special precautions for user14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixtureUk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATIONRevision Date

20/08/2015

Revision

5

Supersedes date

30/11/2012

Risk Phrases In Full

R48/20

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.pottery crafts.co.uk ;

R43 May cause sensitisation by skin contact.
6.

NC Not classified.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H372 Causes damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET
Pink Gin Low Sol Brushing Glaze**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name Pink Gin Low Sol Brushing Glaze
Product number P0036

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd.,
Campbell Rad,
Stoke-on-Trent,
Staffordshire,
UK. ST44ET.
Tel 44 (0)1782 745000
sales @potteryCrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0) 1782 745000 Office Hours Mon-Friday 08:45 – 16:30 hours.

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture
Classification (EC/1272/2008)**

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

diethylene glycol	0.5 - 1%
CAS number: 111-46-6 EC number: 203-872-2	REACH registration number: 01-2119457857-21
Classification Acute Tox. 4 - H302	
Fine Fraction Crystalline Silica	<0.1%
CAS number: 14808-60-7 EC number: 238-878-4	
Classification STOT RE 1 - H372	

Formaldeide**<0.1%**

CAS number: 50-00-0

EC number: 200-001-8

ClassificationAcute Tox. 3 - H301
Acute Tox. 3 - H311
Acute Tox. 2 - H330
Skin Corr. 1B - H314
Eye Dam. 1 - H318
Skin Sens. 1 - H317
Carc. 2 - H351
STOT SE 3 - H335

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures**

Inhalation	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
Ingestion	Do not induce vomiting. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Contact physician if larger quantity has been consumed.
Skin contact	Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.
Eye contact	Remove any contact lenses and open eyelids wide apart. Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed**4.3. Indication of any immediate medical attention and special treatment needed****SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media** Use fire-extinguishing media suitable for the surrounding fire.**5.2. Special hazards arising from the substance or mixture****Specific hazards** The product is non-combustible. Toxic gases or vapours.**5.3. Advice for firefighters****Protective actions during firefighting** No specific firefighting precautions known**Special protective equipment for firefighters** Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective clothing.**SECTION 6: Accidental release measures****6.1. Personal precautions, protective equipment and emergency procedures****Personal precautions** Wear protective clothing as described in Section 8 of this safety data sheet.**6.2. Environmental precautions****Environmental precautions** Contain spillage with sand, earth or other suitable non-combustible material. Avoid discharge into drains or watercourses or onto the ground.**6.3. Methods and material for containment and cleaning up****Methods for cleaning up** Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.**6.4. Reference to other sections**

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from food, drink and animal feeding stuffs. Store in tightly closed original container at a temperature above 0°C.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits diethylene glycol

Long-term exposure limit (8-hour TWA): WEL 23 ppm 101 mg/m³

Fine Fraction Crystalline Silica

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

Formaldehyde

Long-term exposure limit (8-hour TWA): WEL 2 ppm 2,5 mg/m³

Short-term exposure limit (15-minute): WEL 2 ppm 2,5 mg/m³

WEL = Workplace Exposure Limit

8.2. Exposure controls

Protective equipment



Appropriate engineering Controls

Provide adequate general and local exhaust ventilation. Observe any occupational **exposure** limits for the product or ingredients.

Eye/face protection

Wear chemical splash goggles.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

Wear a respirator fitted with the following cartridge: Particulate filter, type P3.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Coloured liquid.

Odour Odourless.

Bulk density 1-2

Solubility(ies) Insoluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not relevant

10.4. Conditions to avoid

Conditions to avoid Not known.

10.5. Incompatible materials

Materials to avoid Strong acids.

10.6. Hazardous decomposition products

Hazardous decomposition products Not known

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Toxicological effects No data recorded.

Other health effects Toxic to Reproduction Category 1.

Ingestion No harmful effects expected from quantities likely to be ingested by accident.

Skin contact Prolonged contact may cause dryness of the skin.

Eye contact Vapour or spray in the eyes may cause irritation and smarting.

Acute and chronic health Hazards Prolonged inhalation of high concentrations may damage respiratory system. Lead is accumulated in the body and may cause damage to the brain and nervous system after prolonged exposure.

Route of entry Inhalation Ingestion.

Target organs Blood Central nervous system Kidneys Respiratory system, lungs

SECTION 12: Ecological Information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity**12.2. Persistence and degradability**

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential The product contains potentially bioaccumulating substances.

12.4. Mobility in soil**12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
14.1. UN number	Not applicable.
14.2. UN proper shipping name	Not applicable.
14.3. Transport hazard class(es)	No transport warning sign required.
14.4. Packing group	Not applicable.
14.5. Environmental hazards	
Environmentally hazardous substance/marine pollutant	No.
14.6. Special precautions for user	Not applicable.
14.7. Transport in bulk according to Annex II of MARPOL and the IBC Code	
Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable.

SECTION 15: Regulatory information**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations	Health and Safety at Work etc. Act 1974 (as amended). The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).
EU legislation	Dangerous Substances Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).
Guidance	Workplace Exposure Limits EH40.

15.2. Chemical safety assessment**SECTION 16: Other information**

Issued by	Product Regulations Dept
Revision date	25/05/2016
Revision	1
Supersedes date	05/01/2011

Hazard statements in full	H301 Toxic if swallowed. H302 Harmful if swallowed. H311 Toxic in contact with skin. H314 Causes severe skin burns and eye damage. H317 May cause an allergic skin reaction. H318 Causes serious eye damage. H330 Fatal if inhaled. H335 May cause respiratory irritation. H351 Suspected of causing cancer. H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled. EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.
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This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Jonquil L/S H/B Glaze

Product Number.. P0042

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier Pottery crafts Ltd.
Campbell Road,
Stoke on Trent
Staffordshire,
England.
ST4 4ET.
Tel 44 (0)1782 745000
sales@pottery crafts .co.uk

1.4. Emergency telephone number

+44 (0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards Not classified

Health hazards Elicitation- EUH208

Environmental hazards Not classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Quartz CAS-No. : 14808-60-7	EC No. : 238-878-4	<1%
Classification (EC 1272/2008 STOT RE 2 – H373	Classification (67/548/EEC) Xn ; R48/20	

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		< 1%
CAS No. : 5395-50-6	EC No. : 226-408-0	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Sens. 1 - H317	R43	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Dam and absorb spillage with sand, sawdust or other absorbent.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA – 8 Hrs	STEL – 15 Mins	Notes
Quartz		0.1 mg/m ³		

QUARTZ (CAS: 14808-60-7)

Ingredient Comments

Total Inhalable Dust 10mg/m³ - 8hr TWA Total respirable Dust 4mg/m³ - 8hr TWA

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Pale Yellow Coloured liquid.
<u>Odour</u>	No characteristic odour.
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	1-2
<u>pH-Value, Conc. Solution</u>	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

<u>Revision Date</u>	23/11/2016
<u>Revision</u>	3
<u>Supersedes date</u>	12/12/2012

NC Not classified.

Hazard Statements In Full

H317	May cause an allergic skin reaction.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Mexican Jade Green L/S H/B Glaze

Product Number.. P0045

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier Pottery crafts Ltd.
Campbell Road,
Stoke on Trent
Staffordshire,
England.
ST4 4ET.
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk

1.4. Emergency telephone number

+44 (0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical Hazards Not classified

Health hazards Elicitation – EUH208

Environmental hazards Not classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Quartz CAS-No. : 14808-60-7	EC No. : 238-878-4	<1%
Classification (EC 1272/2008) STOT RE 2 – H373	Classification (67/548/EEC) Xn ; R48/20	

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		< 1%
CAS No. : 5395-50-6	EC No. : 226-408-0	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Sens. 1 - H317	R43	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Dam and absorb spillage with sand, sawdust or other absorbent.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA – 8 Hrs	STEL – 15 Mins	Notes
Quartz		0.1 mg/m ³		

QUARTZ (CAS: 14808-60-7)

Ingredient Comments

Total Inhalable Dust 10mg/m³ - 8hr TWA Total respirable Dust 4mg/m³ - 8hr TWA

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Green Coloured liquid.
<u>Odour</u>	No characteristic odour.
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	1-2
<u>pH-Value, Conc. Solution</u>	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

<u>Revision Date</u>	20/08/2015
<u>Revision</u>	4
<u>Supersedes date</u>	12/12/2012

Risk Phrases In Full

R48/20	Harmful : Danger of serious damage to health by prolonged exposure through inhalation.
R43	May cause sensitisation by skin contact.
NC	Not classified.

Hazard Statements In Full

H317	May cause an allergic skin reaction.
H373	May cause damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET Marine Blue Low Sol H/B Glaze

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product Name Marine Blue Low Sol H/B Glaze
Product No. P0051

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier: Pottery crafts Ltd
Campbell Road
Stoke on Trent
ST4 4ET
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk
www.pottery crafts.co.uk

1.4. Emergency telephone number

+44(0)1782 745000

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards Not classified

Health hazards Elicitation-EUH208

Environmental hazards Not classified

2.2. Label elements

Risk Phrases

NC Not classified.

Hazard statements

EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione

< 1

CAS-No.: 5395-50-6

EC No.: 226-408-0

Classification (EC 1272/2008)

Classification (67/548/EEC)

Skin Sens. 1 - H317

R43.

Marine Blue Low Sol H/B Glaze

QUARTZ	< 1
CAS-No.: 14808-60-7	EC No.: 238-878-4
Classification (EC 1272/2008) STOT Rep. 2 - H373	Classification (67/548/EEC) Xn;R48/20.
Olivine, cobalt silicate blue	< 1
CAS-No.: 68187-40-6	EC No.: 269-093-5
Classification (EC 1272/2008) Not classified.	Classification (67/548/EEC) Xn;R20/22.

The Full Text for all R-Phrases and Hazard Statements is Displayed in Section 16

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation.

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin Contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye Contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing Media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective Measures In Fire

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

Marine Blue Low Sol H/B Glaze

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA - 8 Hrs		STEL - 15 Min		Notes
Olivine, cobalt silicate blue		0.1				
QUARTZ			0.1 mg/m ³			

8.2. Exposure controls

Protective Equipment



Engineering Measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory Equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand Protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye Protection

If risk of splashing, wear safety goggles or face shield.

Hygiene Measures

Wash at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid
Odour	No characteristic odour.
Solubility	Insoluble in water
Relative Density	1-2
pH-Value, Conc. Solution	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

Marine Blue Low Sol H/B Glaze

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant.

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological Information

No data recorded.

General Information

No specific health warnings noted.

Inhalation

Dust in high concentrations may irritate the respiratory system.

Skin Contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye Contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity:

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

12.2. Persistence and degradability

Degradability:

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General Information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Marine Blue Low Sol H/B Glaze

14.2 UN Proper shipping name14.3 Transport hazard class(es)14.4. Packing group14.5. Environmental hazards14.6. Special precautions for user14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations

Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

SECTION 16: OTHER INFORMATION

Revision Comments

Reclassified based on REACH toxicity reports & consortia information.

Issued By Product Regulations Dept

Revision Date 14/06/2011

Revision 2

Supersedes Date 23/02/2011

Risk Phrases In Full

R20/22 Harmful by inhalation and if swallowed.

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R43 May cause sensitisation by skin contact.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name White Opaque L/S HB Glaze.
Product No. P0064

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd.,
Campbell Road.
Stoke on Trent
ST4 4ET.
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

+44 (0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification.

Physical hazards Not classified

Health hazards Elicitation- EUH208

Environmental hazards Not classified

2.2. Label elements

Risk Phrases

NC Not classified.

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-trakis(hydroxymethyl)imidazo
(4,5- d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Zirconium Silicate	5-10%
CAS No. 14940-68-2	EC No. 239-019-6
Classification (EC 1272/2008) Not Classified	Classification (67/548/EEC) Not Classified

Quartz	<1%
CAS No. 14806-60-7	EC No. 238-878-4
Classification (EC 1272/2008) STOT Re – H372	Classification (67/548/EEC) Xn : R48/20

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H-dione)

CAS No : 5395-50-6

EC No. : 226-408-0

Classification (EC 1272/2008)

Classification (67/548/EEC)

Skin Sens. 1 – H317

R43

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES4.1. Description of first aid measuresInhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed4.3. Indication of any immediate medical attention and special treatment needed**SECTION 5: FIREFIGHTING MEASURES**5.1. Extinguishing mediaExtinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixtureUnusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefightersSpecial Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES6.1. Personal precautions, protective equipment and emergency procedures6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

6.4. Reference to other sections**SECTION 7: HANDLING AND STORAGE**7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA – 8 Hrs	STEL 15 Mins	Notes
Quartz		0.1mg/m ³		
Zirconium Silicate		5 mg/m ³ Total dust	10 mg/m ³ Total dust	

QUARTZ (CAS: 14808-60-7)

Ingredient Comments

Total Inhalable Dust 10mg/m³ - 8hr TWA Total respirable Dust 4mg/m³ - 8hr TWA

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

Coloured liquid.

Odour

No characteristic odour.

Solubility

Insoluble in water

Relative density

1-2

pH-Value, Conc. Solution

6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.potterycrafts.co.uk ;

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

General information

No specific health warnings noted.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.potterycrafts.co.uk ;

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

UK Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Comments

Reclassified based on REACH toxicity reports & consortia information.

Revision Date 30/07/2013

Revision 8

Revision 8

Supersedes date 12/12/2012

Risk Phrases In Full

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R43 May cause sensitisation by skin contact.

NC Not classified.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H372 Causes damage to organs <<Organs>> through prolonged or repeated exposure if Inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Autumn Warmth L/S H/B Glaze

Product number P0094

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd.
Campbell Road
Stoke
Stoke-on-Trent.
ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0) 1782 745000 Office Hours 08:30 – 16:30 hrs Mon-Friday.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification
Physical hazards Not Classified

Health hazards Elicitation – EUH208

Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE, Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione

0.25-0.5%

CAS number: 5395-50-6

EC number: 226-408-0

Classification

Skin Sens. 1B - H317

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Protective actions during firefighting N/A

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Contain and absorb spillage with sand, earth or other non-combustible material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Protective equipment



Appropriate engineering Controls	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Red-Brown Coloured liquid.
Odour	No characteristic odour.
pH	pH (concentrated solution): 6-8
Relative density	1-2 @ °C
Solubility(ies)	Insoluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not relevant
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10.4. Conditions to avoid

Conditions to avoid	Not known.
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10.5. Incompatible materials

Materials to avoid	No specific material or group of materials is likely to react with the product to produce a hazardous situation.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Not known.
---	------------

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data recorded.
Inhalation	Prolonged inhalation of high concentrations may damage respiratory system.
Ingestion	No harmful effects expected from quantities likely to be ingested by accident.
Skin contact	The product contains a small amount of sensitising substance. May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity The product components are not classified as environmentally hazardous. However, large or frequent spills may have hazardous effects on the environment.

12.1. Toxicity

Toxicity No information available.

12.2. Persistence and degradability

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential No data available on bioaccumulation.

12.4. Mobility in soil

Results of PBT and vPvB assessment This product does not contain any substances classified as PBT or vPvB

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations Health and Safety at Work etc. Act 1974 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Regulation (EC) No 1272/2008 of the European Parliament and of the Council of 16 December 2008 on classification, labelling and packaging of substances and mixtures (as amended).
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance Workplace Exposure Limits EH40.
Introduction to Local Exhaust Ventilation HS(G)37.
Safety Data Sheets for Substances and Preparations.
Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.potterycrafts.co.uk ;

SECTION 16: Other information

Revision date	20/07/2016
Revision	4
Supersedes date	1208/2015
Hazard statements in full	H317 May cause an allergic skin reaction. EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name. Vanilla Bean Low-Sol Hand Brushing Glaze
Product No. P0099

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses. Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier. PotteryCrafts Ltd
Campbell Road,
Stoke on Trent,
Staffordshire,
England.
ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number
+44(0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified
Health hazards Elicitation – EUH208
Environmental hazards Not classified.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008
No pictogram required.

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

RESPIRABLE CRYSTALLINE SILICA	0.5-1%
CAS-No.: 14808-60-7	EC No.: 238-878-4
Classification (EC 1272/2008)	Classification (67/548/EEC)
STOT RE 1 - H372	Xn;R48/20.

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		0.25-0.5%
CAS-No.: 5395-50-6	EC No.: 226-408-0	
Classification (EC 1272/2008) Skin Sens. 1 - H317	Classification (67/548/EEC) R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Prolonged skin contact may cause redness and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA-8 hours	STEL-15 Mins	Notes
RESPIRABLE CRYSTALLINE SILICA		0.1 mg/m ³		

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Liquid
<u>Odour</u>	No characteristic odour.
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	1-2
<u>pH-Value, Conc. Solution</u>	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

General information

No specific health warnings noted.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

Acute Toxicity - Fish

Not available.

Acute Toxicity - Aquatic Invertebrates

Not available.

Acute Toxicity - Aquatic Plants

Not available.

Acute Toxicity - Terrestrial

Not available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 17/08/2015

Revision 2

Supersedes date 30/11/2012

Risk Phrases In Full

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R43 May cause sensitisation by skin contact.

NC Not classified.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H372 Causes damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name Pistachio Spice L/S H/Brushing Glaze

Product number P0101

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheetSupplier PotteryCrafts Ltd
Campbell Road
Stoke on Trent
ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk**1.4. Emergency telephone number**

Emergency telephone +44(0)1782 745000

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification**

Physical hazards Not Classified

Health hazards Elicitation - EUH208

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements**Hazard statements** H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.**Precautionary statements** P273 Avoid release to the environment.

P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

ZINC OXIDE		1 - 2.5%
CAS number: 1314-13-2	EC number: 215-222-5	REACH registration number: 01-2119463881-32-****
M factor (Acute) = 1	M factor (Chronic) = 1	
Classification		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione	0.25-0.5%
CAS number: 5395-50-6	EC number: 226-408-0
Classification	
Skin Sens. 1B - H317	

COPPER OXIDE	0.25 - 0.5%
CAS number: 1317-38-0	EC number: 215-269-1
	REACH registration number: 01-2119502447-44-xxxx
M factor (Acute) = 1	
Classification	
Aquatic Acute 1 - H400	
Aquatic Chronic 3 - H412	

Fine Fraction Crystalline Silica	<0.1%
CAS number: 14808-60-7	EC number: 238-878-4
Classification	
STOT RE 1 - H372	

1,2-BENZISOTHIAZOL-3(2H)-ONE	<0.1%
CAS number: 2634-33-5	EC number: 220-120-9
M factor (Acute) = 1	M factor (Chronic) = 10
Classification	
Acute Tox. 4 - H302	
Skin Irrit. 2 - H315	
Eye Dam. 1 - H318	
Skin Sens. 1 - H317	
Aquatic Acute 1 - H400	
Aquatic Chronic 1 - H410	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

Skin contact Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

5.3. Advice for firefighters**Special protective equipment**

for firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.

6.4. Reference to other sections**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Usage precaution**

Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other Contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities**Storage precautions**

Store in tightly-closed, original container in a dry and cool place.

7.3. Specific end use(s)**SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****Occupational exposure limits****ZINC OXIDE**

Long-term exposure limit (8-hour TWA): WEL 5 mg/m³

Short-term exposure limit (15-minute): 10 mg/m³

COPPER OXIDE

Long-term exposure limit (8-hour TWA): 1 mg/m³

Short-term exposure limit (15-minute): 2 mg/m³

Fine Fraction Crystalline Silica

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m³

WEL = Workplace Exposure Limit

4.

ZINC OXIDE (CAS: 1314-13-2)

DNEL

Workers - Inhalation; Long term, systemic effects : 5 mg/m³
 Workers - Inhalation; Long term local effects: 0.5 mg/m³
 Workers - Dermal; Long term systemic effects: 83 mg/kg/day
 General population - Inhalation; Long term systemic effects: 2.5 mg/m³
 General population - Dermal; Long term systemic effects: 83 mg/kg/day
 General population - Oral; Long term systemic effects: 0.83 mg/kg/day

PNEC

- Fresh water; 0.0206 mg/l
 - Marine water; 0.0061 mg/l
 - STP; 100 µg/l
 - Sediment (Freshwater); 235.6* mg/kg, sediment dw
 - Sediment (Marinewater); 113* mg/kg, sediment dw
 - Soil; 106.8** mg/kg

The units given are 'mg' of Zinc. These PNECs are added value PNECs - they are to be added to the natural background levels of Zinc. In the appropriate compartments (e.g. soils, sediments). (*) A generic bioavailability factor of 0.5 is applied by default, according to the EU risk assessment (ECB 2008) (**) by default this value was multiplied by '3' to take into account "lab-to-field" differences in toxicity. (***) The PNEC for STP was derived by applying an assessment factor to the lowest relevant toxicity value (5.2 mg Zn/L). (Durka et al., 1983)

COPPER OXIDE (CAS: 1317-38-0)

DNEL

Industry - Dermal; Long term systemic effects: 137 mg/kg/day
 Industry - Oral; Long term systemic effects: 0.041 mg/kg/day

PNEC

The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Fresh water; 0.0078 mg/l
 The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Marine water; Long term 0.0052 mg/l

The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Sediment (Freshwater); 87 mg/kg
 - Sediment (Marinewater); 676 mg/kg
 - Soil; 65 mg/kg
 - STP; 0.23 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Odour	No characteristic odour.
pH pH (diluted solution):	6-8
Relative density	1-2 @ °C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not relevant

10.4. Conditions to avoid

Conditions to avoid Not known.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Not known

SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects No data recorded.

General information No specific health hazards known.

SECTION 12: Ecological Information

Ecotoxicity The product contains a substance which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential**12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number**14.2. UN proper shipping name****14.3. Transport hazard class(es)****Transport labels****14.4. Packing group****14.5. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

14.6. Special precautions for user**14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

National regulations Health and Safety at Work etc. Act 1974 (as amended).
The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation Dangerous Substances Directive 67/548/EEC.
Dangerous Preparations Directive 1999/45/EC.
System of specific information relating to Dangerous Preparations. 2001/58/EC.
Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment**SECTION 16: Other information**

Revision date 17/08/2015

Revision 7

Supersedes date	08/08/2014
Hazard statements in full	<p>EUH208 Contains 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE, Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.</p> <p>H302 Harmful if swallowed.</p> <p>H315 Causes skin irritation.</p> <p>H317 May cause an allergic skin reaction.</p> <p>H318 Causes serious eye damage.</p> <p>H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled.</p> <p>H400 Very toxic to aquatic life.</p> <p>H410 Very toxic to aquatic life with long lasting effects.</p> <p>H412 Harmful to aquatic life with long lasting effects.</p>

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name. Clear Speckle Low-sol Hand Brushing Glaze

Product No. P0104

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses. Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier. PotteryCrafts Ltd
Campbell Road,
Stoke on Trent,
Staffordshire,
England.
ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number
+44(0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Elicitation- EUH208

Environmental hazards Not classified.

2.2. Label elements

Label In Accordance With (EC) No. 1272/2008

No pictogram required

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

RESPIRABLE CRYSTALLINE SILICA	0.5-1%
CAS-No.: 14808-60-7	EC No.: 238-878-4
Classification (EC 1272/2008)	Classification (67/548/EEC)
STOT RE 1 - H372	Xn;R48/20.

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		0.25-0.5%
CAS-No.: 5395-50-6	EC No.: 226-408-0	
Classification (EC 1272/2008) Skin Sens. 1 - H317	Classification (67/548/EEC) R43.	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact

Prolonged skin contact may cause redness and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Collect for reclamation or absorb in vermiculite, dry sand or similar material.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA-8 hours	STEL-15 Mins	Notes
RESPIRABLE CRYSTALLINE SILICA		0.1 mg/m ³		

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Off-White Liquid
<u>Odour</u>	No characteristic odour.
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	1-2
<u>pH-Value, Conc. Solution</u>	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

General information

No specific health warnings noted.

Inhalation

No specific health warnings noted.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

Acute Toxicity - Fish

Not available.

Acute Toxicity - Aquatic Invertebrates

Not available.

Acute Toxicity - Aquatic Plants

Not available.

Acute Toxicity - Terrestrial

Not available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)14.4. Packing group14.5. Environmental hazards14.6. Special precautions for user14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code**SECTION 15: REGULATORY INFORMATION**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixtureUk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 20/08/2015

Revision 3

Supersedes date 30/11/2012

Risk Phrases In Full

R48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.

R43 May cause sensitisation by skin contact.

NC Not classified.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H372 Causes damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name MATTE WHITE L/L H/B Glaze

Product Number.. P0127

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier Pottery crafts Ltd.
Campbell Road,
Stoke on Trent
Staffordshire,
England.
ST4 4ET.
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk

1.4. Emergency telephone number

+44 (0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical Hazards. Not classified
Health Hazards Elicitation – EUH208
Environmental Hazards Not classified

2.2. Label elements

Hazard statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole -2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Quartz CAS-No. : 14808-60-7	EC No. : 238-878-4	<1%
Classification (EC 1272/2008) STOT RE 2 – H373	Classification (67/548/EEC) Xn ; R48/20	

Wollastonite	0-50%
CAS No 13983-17-0	EC No 237-772-5
Classification (EC 1272/2008) Not Classified	Classification (67/548/EEC) Xn : R20/R22

Titanium Dioxide	0-3%
CAS No.13463-67-7	EC No. 236-675-5
Classification (EC1272/2008) Not Classified	Classification (67/548 ECC) Xn : R20/22

Tin Oxide	0-3%
CAS No 1332-29-2	EC No. 215=569-2
Classification (EC1272/2008) Not Classified	Classification (67/548 EEC) Xn : R20/R22

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione	< 1%
CAS No. : 5395-50-6	EC No. : 226-408-0
Classification (EC 1272/2008) Skin Sens. 1 - H317	Classification (67/548/EEC) R43

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Dam and absorb spillage with sand, sawdust or other absorbent.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA – 8 Hrs	STEL – 15 Mins	Notes
Quartz		0.1 mg/m ³		

QUARTZ (CAS: 14808-60-7)

Ingredient Comments

Total Inhalable Dust 10mg/m³ - 8hr TWA Total respirable Dust 4mg/m³ - 8hr TWA

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance

White liquid.

Odour

No characteristic odour.

Solubility

Insoluble in water

Relative density

1-2

pH-Value, Conc. Solution

6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

Campbell Road - Stoke on Trent, ST4 4ET - United Kingdom

Tel: +44 (0)1782 745000 - Fax: +44 (0)1782 746000 - Web: www.potterycrafts.co.uk ;

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

<u>Revision Date</u>	20/08/2015
<u>Revision</u>	2
<u>Supersedes date</u>	14/11/2013

Risk Phrases In Full

R48/20 Harmful : Danger of serious damage to health by prolonged exposure through inhalation.

R43 May cause sensitisation by skin contact.

NC Not classified.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Transparent Matte L/S H/B Glaze

Product Number.. P0131

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier Pottery crafts Ltd.
Campbell Road,
Stoke on Trent
Staffordshire,
England.
ST4 4ET.
Tel 44 (0)1782 745000
sales@pottery crafts.co.uk

1.4. Emergency telephone number

+44 (0)1782 745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification

Physical Hazards Not classified
Health Hazards Elicitation – EUH208
Environmental Hazards Not classified.

2.2. Label elements

Hazard Statements EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole -2,5(1H,3H)-dione. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Quartz		<1%
CAS-No, : 14808-60-7	EC No. : 238-878-4	
Classification (EC 1272/2008) STOT RE 2 – H373	Classification (67/548/EEC) Xn ; R48/20	

Frits,chemicals sub group 5.1		35-60%
CAS No. :65997-18-4	EC No. : 266-047-6	
Classification (EC 1272/2008) Not Classified	Classification (67/548/EEC) Not Classified.	

Wollastonite		20-40%
CAS No. : 13983-17-0	EC No. : 237-772-5	
Classification (EC 1272/2008) Not Classified	Classification (67/548/EEC) Xn : R20/R22	

Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		< 1%
CAS No. : 5395-50-6	EC No. : 226-408-0	
Classification (EC 1272/2008)	Classification (67/548/EEC)	
Skin Sens. 1 - H317	R43	

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measures

Inhalation

Unlikely route of exposure as the product does not contain volatile substances.

Ingestion

Do not induce vomiting. Rinse mouth thoroughly. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.

Skin contact

Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

5.3. Advice for firefighters

Special Fire Fighting Procedures

N/A.

Protective equipment for fire-fighters

Use protective equipment appropriate for surrounding materials.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Dam and absorb spillage with sand, sawdust or other absorbent.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Store in tightly closed original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA – 8 Hrs	STEL – 15 Mins	Notes
Quartz		0.1 mg/m ³		

QUARTZ (CAS: 14808-60-7)

Ingredient Comments

Total Inhalable Dust 10mg/m³ - 8hr TWA Total respirable Dust 4mg/m³ - 8hr TWA

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

In case of inadequate ventilation or risk of inhalation of dust, use suitable respiratory equipment with particle filter (type P2).

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

If risk of splashing, wear safety goggles or face shield.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

<u>Appearance</u>	Off White Coloured liquid.
<u>Odour</u>	No characteristic odour.
<u>Solubility</u>	Insoluble in water
<u>Relative density</u>	1-2
<u>pH-Value, Conc. Solution</u>	6-8

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

There are no known reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

No incompatible groups noted.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

Inhalation

Prolonged inhalation of high concentrations may damage respiratory system.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

The product contains a small amount of sensitising substance which may provoke an allergic reaction among sensitive individuals after repeated contact.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product components are not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

12.1. Toxicity

No information available.

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

Bioaccumulative potential

No data available on bioaccumulation.

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

This product does not contain any PBT or vPvB substances.

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

When handling waste, consideration should be made to the safety precautions applying to handling of the product.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Revision Date 20/08/2015

Revision 4

Supersedes date 12/12/2012

Risk Phrases In Full

R48/20 Harmful : Danger of serious damage to health by prolonged exposure through inhalation.

R43 May cause sensitisation by skin contact.

NC Not classified.

Hazard Statements In Full

H317 May cause an allergic skin reaction.

H373 May cause damage to organs <<Organs>> through prolonged or repeated exposure if inhaled.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET**SECTION 1: Identification of the substance/mixture and of the company/undertaking****1.1. Product identifier**

Product name English Pewter L/S H/Brushing Glaze
Product number P0135

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd
Campbell Road
Stoke on Trent
ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1782 745000

SECTION 2: Hazards identification**2.1. Classification of the substance or mixture****Classification**

Physical hazards Not Classified

Health hazards Elicitation - EUH208

Environmental hazards Aquatic Chronic 3 - H412

2.2. Label elements

Hazard statements H412 Harmful to aquatic life with long lasting effects.
EUH208 Contains Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE. May produce an allergic reaction.

Precautionary statements P273 Avoid release to the environment.
P501 Dispose of contents/container in accordance with national regulations.

2.3. Other hazards**SECTION 3: Composition/information on ingredients****3.2. Mixtures**

Frits,chemicals sub group 5.1	50-60%
CAS No.: 65997-18-4	EC No. : 266-047-6
Classification (EC 1272/2008)	Classification (67/548/EEC)
Not classified	Not classified

COPPER OXIDE		1-5%
CAS number: 1317-38-0	EC number: 215-269-1	REACH registration number: 01-2119502447-44-xxxx
M factor (Acute) = 1		
Classification		
Aquatic Acute 1 - H400		
Aquatic Chronic 3 - H412		

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione		0.25-0.5%
CAS number: 5395-50-6	EC number: 226-408-0	
Classification		
Skin Sens. 1B - H317		

CI Pigment Black 27		10- 15%
CAS number: 68186-97-0	EC number: 269-060-5	
Classification	Classification	
Not Classified	Not classified	

1,2-BENZISOTHIAZOL-3(2H)-ONE		<0.1%
CAS number: 2634-33-5	EC number: 220-120-9	
M factor (Acute) = 1	M factor (Chronic) = 10	
Classification		
Acute Tox. 4 - H302		
Skin Irrit. 2 - H315		
Eye Dam. 1 - H318		
Skin Sens. 1 - H317		
Aquatic Acute 1 - H400		
Aquatic Chronic 1 - H410		

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Move affected person to fresh air at once. Get medical attention if any discomfort continues.

Ingestion Do not induce vomiting. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person. Get medical attention if any discomfort continues.

Skin contact Wash skin thoroughly with soap and water. Get medical attention if irritation persists after washing.

Eye contact Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures**5.1. Extinguishing media**

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards No unusual fire or explosion hazards noted.

5.3. Advice for firefighters**Special protective equipment**

for firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures**6.1. Personal precautions, protective equipment and emergency procedures**

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Do not discharge into drains or watercourses or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect powder using special dust vacuum cleaner with particle filter or carefully sweep into suitable waste disposal containers and seal securely.

6.4. Reference to other sections**SECTION 7: Handling and storage****7.1. Precautions for safe handling****Usage precaution**

Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other Contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities**Storage precautions**

Store in tightly-closed, original container in a dry and cool place.

7.3. Specific end use(s)**SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****Occupational exposure limits****COPPER OXIDE**

Long-term exposure limit (8-hour TWA): 1 mg/m³

Short-term exposure limit (15-minute): 2 mg/m³

Limit

- COPPER OXIDE (CAS: 1317-38-0)

DNEL

Industry - Dermal; Long term systemic effects: 137 mg/kg/day

Industry - Oral; Long term systemic effects: 0.041 mg/kg/day

PNEC

The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Fresh water; 0.0078 mg/l

4.

The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Marine water; Long term 0.0052 mg/l

The product does not meet the criteria for classification as hazardous according to EC regulation 1272/2008 and Directive 67/548/EC as amended - Sediment (Freshwater); 87 mg/kg
 - Sediment (Marinewater); 676 mg/kg
 - Soil; 65 mg/kg
 - STP; 0.23 mg/l

8.2. Exposure controls

Protective equipment



Appropriate engineering controls

Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Chemical splash goggles or face shield.

Hand protection

Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet.

Respiratory protection

If ventilation is inadequate, suitable respiratory protection must be worn. Wear a respirator fitted with the following cartridge: Particulate filter, type P2.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Black Coloured liquid.

Odour No characteristic odour.

pH pH (diluted solution): 6-8

Relative density 1-2 @ °C

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not relevant

10.4. Conditions to avoid

Conditions to avoid Not known.

10.5. Incompatible materials

Materials to avoid No specific material or group of materials is likely to react with the product to produce a hazardous situation.

10.6. Hazardous decomposition products

Hazardous decomposition products Not known

SECTION 11: Toxicological information**11.1. Information on toxicological effects**

Toxicological effects No data recorded.

General information No specific health hazards known.

SECTION 12: Ecological Information

Ecotoxicity The product contains a substance which may cause long-term adverse effects in the aquatic environment.

12.1. Toxicity**12.2. Persistence and degradability**

Persistence and degradability The product contains only inorganic substances which are not biodegradable.

12.3. Bioaccumulative potential**12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

General information When handling waste, the safety precautions applying to handling of the product should be considered.

Disposal methods Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number**14.2. UN proper shipping name****14.3. Transport hazard class(es)****Transport labels****14.4. Packing group****14.5. Environmental hazards****Environmentally hazardous substance/marine pollutant**

No.

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations

Health and Safety at Work etc. Act 1974 (as amended).

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (SI 2009 No. 716).

EU legislation

Dangerous Substances Directive 67/548/EEC.

Dangerous Preparations Directive 1999/45/EC.

System of specific information relating to Dangerous Preparations. 2001/58/EC.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

15.2. Chemical safety assessment

SECTION 16: Other information

Revision date

20/08/2015

Revision

5

Supersedes date

08/08/2014

Hazard statements in full

EUH208 Contains 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE, Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

H302 Harmful if swallowed.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

ANTIQUE BRONZE LOW SOL GLAZE

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name Antique Bronze Glaze
Product number P0136

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd.,
Campbell Road,
Stoke-on-Trent,
Staffordshire,
UK. ST4 4ET.
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0) 1782 745000 Office Hours Mon-Friday 08:45 – 16:30 hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified

Health hazards Elicitation - EUH208 Carc. 1A - H350i

Environmental hazards Not Classified

2.2. Label elements

Pictogram



Signal word Danger

Hazard statements EUH208 Contains NICKEL MONOXIDE, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE, Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.

H350i May cause cancer by inhalation.

Precautionary statements

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P308+P313 IF exposed or concerned: Get medical advice/attention.

P405 Store locked up.

P501 Dispose of contents/container in accordance with national regulations.

Contains NICKEL MONOXIDE

2.3. Other hazards

SECTION 3: Composition/information on ingredients

3.2. Mixtures

MANGANESE DIOXIDE

2.5 - 5%

CAS number: 1313-13-9

EC number: 215-202-6

Classification

Acute Tox. 4 - H302

Acute Tox. 4 - H332

NICKEL MONOXIDE

0.5 - 1%

CAS number: 1313-99-1
number: 01-

EC number: 215-215-7

REACH registration

2119467172-41-XXXX

Classification

Skin Sens. 1 - H317

Carc. 1A - H350i

STOT RE 1 - H372

Aquatic Chronic 4 - H413

COPPER OXIDE

0.5 - 1%

CAS number: 1317-38-0
number: 01-

EC number: 215-269-1

REACH registration

2119502447-44-xxxx

M factor (Acute) = 1

Classification

Aquatic Acute 1 - H400

Aquatic Chronic 3 - H412

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-

0.25 - 0.5%

d)imidazole-2,5(1H,3H)-dione

CAS number: 5395-50-6

EC number: 226-408-0

Classification

Skin Sens. 1B - H317

1,2-BENZISOTHIAZOL-3(2H)-ONE

<0.1%

CAS number: 2634-33-5

EC number: 220-120-9

M factor (Acute) = 1

M factor (Chronic) = 10

Classification

Acute Tox. 4 - H302

Skin Irrit. 2 - H315

Eye Dam. 1 - H318

Skin Sens. 1 - H317

Aquatic Acute 1 - H400

Aquatic Chronic 1 - H410

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: First aid measures**4.1. Description of first aid measures****Inhalation**

Move affected person to fresh air and keep warm and at rest in a position comfortable for breathing. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Give a few small glasses of water or milk to drink. Never give anything by mouth to an unconscious person.

Skin contact

Wash skin thoroughly with soap and water.

Eye contact

Rinse with water. Get medical attention if any discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed**Inhalation**

Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

Skin contact

Mild dermatitis, allergic skin rash.

4.3. Indication of any immediate medical attention and special treatment needed**SECTION 5: Firefighting measures****5.1. Extinguishing media****Suitable extinguishing media**

Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture**Specific hazards**

hazards

The product is non-combustible. Toxic gases or vapours. No unusual fire or explosion hazards noted.

5.3. Advice for firefighters**Protective actions during****firefighting**

No specific firefighting precautions known

Special protective equipment Wear positive-pressure self-contained breathing apparatus (SCBA) and appropriate protective

for firefighters clothing.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials. Do not discharge into drains or watercourses

or onto the ground.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Do not eat, drink or smoke when using the product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with

soap

and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Keep away from food, drink and animal feeding stuffs. Store in tightly closed original container

at a temperature above 0°C.

7.3. Specific end use(s)

Specific end use(s) The identified uses for this product are detailed in Section 1.2.

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

Occupational exposure limits

Long-term exposure limit (8-hour TWA): 0.15 ppm

MANGANESE DIOXIDE

Long-term exposure limit (8-hour TWA): WEL 0,5 mg/m³

Short-term exposure limit (15-minute): WEL

NICKEL MONOXIDE

Long-term exposure limit (8-hour TWA): WEL 0,5 mg/m³

Short-term exposure limit (15-minute): WEL

Carc, Sen, Sk

as Ni

WEL = Workplace Exposure Limit

Carc = Capable of causing cancer and/or heritable genetic damage.

Sen = Capable of causing occupational asthma.

Sk = Can be absorbed through skin.

Ingredient comments OES = Occupational Exposure Standard.

8.2. Exposure controls

Protective equipment



Appropriate engineering exposure	Provide adequate general and local exhaust ventilation. Observe any occupational exposure limits for the product or ingredients.
Controls	
Eye/face protection	Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.
Hand protection	Chemical-resistant, impervious gloves complying with an approved standard should be worn if a risk assessment indicates skin contact is possible.
Hygiene measures	Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke.
Respiratory protection	If ventilation is inadequate, suitable respiratory protection must be worn.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance	Brown Coloured liquid.
Odour	Odourless.
pH	pH (concentrated solution): 7
Relative density	1-2 @ °C
Solubility(ies)	Insoluble in water.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

Reactivity	There are no known reactivity hazards associated with this product.
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10.2. Chemical stability

Stability	Stable at normal ambient temperatures and when used as recommended.
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10.3. Possibility of hazardous reactions

Possibility of hazardous reactions	Not relevant
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10.4. Conditions to avoid

Conditions to avoid	Not known.
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10.5. Incompatible materials

Materials to avoid	Strong acids.
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10.6. Hazardous decomposition products

Hazardous decomposition products	Not known.
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SECTION 11: Toxicological information

11.1. Information on toxicological effects

Toxicological effects	No data recorded.
Other health effects	Carcinogen Category 1.
Acute toxicity - oral	
ATE oral (mg/kg)	14,675.67
Acute toxicity - inhalation	
ATE inhalation (gases ppm)	132,081.01

ATE inhalation (vapours mg/l)	322.86
ATE inhalation (dusts/mists mg/l)	44.03
Inhalation	Harmful: danger of serious damage to health by prolonged exposure through inhalation.
Ingestion	No harmful effects expected from quantities likely to be ingested by accident.
Skin contact	May cause sensitisation or allergic reactions in sensitive individuals.
Eye contact	May cause temporary eye irritation.
Acute and chronic health EC	The product does not meet the criteria for classification as hazardous according to regulation 1272/2008 and Directive 67/548/EC as amended

SECTION 12: Ecological Information

Ecotoxicity	The product contains substances which are toxic to aquatic organisms and which may cause long-term adverse effects in the aquatic environment.
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12.1. Toxicity

12.2. Persistence and degradability

Persistence and degradability	The product contains only inorganic substances which are not biodegradable.
--------------------------------------	---

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: Disposal considerations

13.1. Waste treatment methods

General information	Waste should be treated as controlled waste. Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.
Disposal methods	Dispose of waste to licensed waste disposal site in accordance with the requirements of the local Waste Disposal Authority.

SECTION 14: Transport information

General	The product is not covered by international regulations on the transport of dangerous goods (IMDG, IATA, ADR/RID).
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14.1. UN number	Not applicable.
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14.2. UN proper shipping name	Not applicable.
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14.3. Transport hazard class(es)	Transport labels
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14.4. Packing group	Not applicable.
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14.5. Environmental hazards

Environmentally hazardous substance/marine pollutant

14.6. Special precautions for user	Not applicable.
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14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

Transport in bulk according to Annex II of MARPOL 73/78 and the IBC Code	Not applicable
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SECTION 15: Regulatory information

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

National regulations	EH40/2005 Workplace exposure limits.
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EU legislation	Dangerous Substances Directive 67/548/EEC.
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Dangerous Preparations Directive 1999/45/EC.

Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance

Workplace Exposure Limits EH40.

Introduction to Local Exhaust Ventilation HS(G)37.

Safety Data Sheets for Substances and Preparations.

Approved Classification and Labelling Guide (Sixth edition) L131.

15.2. Chemical safety assessment

No chemical safety assessment has been carried out.

SECTION 16: Other information

Issued by Product Regulations Dept

Revision date 30/01/2020

Revision 7

Supersedes date 15/07/2015

SDS number 25251103/1

SDS status Approved.

Hazard statements in full EUH208 Contains NICKEL MONOXIDE, 2-METHYL-2H-ISOTHIAZOL-3(2H)-ONE, Tetrahydro-1,3,4,6-tetrakis(hydrooxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.
H302 Harmful if swallowed.
H315 Causes skin irritation.
H317 May cause an allergic skin reaction.
H318 Causes serious eye damage.
H332 Harmful if inhaled.
H350i May cause cancer by inhalation.
H372 Causes damage to organs through prolonged or repeated exposure.
H400 Very toxic to aquatic life.
H410 Very toxic to aquatic life with long lasting effects.
H412 Harmful to aquatic life with long lasting effects.
H413 May cause long lasting harmful effects to aquatic life.

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty, guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

SECTION 1: IDENTIFICATION OF THE SUBSTANCE/MIXTURE AND OF THE COMPANY/UNDERTAKING

1.1. Product identifier

Product name Fools Gold Low- Sol Brush-on Glaze

Product No. P0137

1.2. Relevant identified uses of the substance or mixture and uses advised against

Identified uses Ceramic Glaze

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd
Campbell Road,
Stoke on Trent,
Staffordshire,
England.
ST4 4ET
Tel 44 (0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

+44 (0)1782745000 (Office Hours)

SECTION 2: HAZARDS IDENTIFICATION

2.1. Classification of the substance or mixture

Classification (EC 1272/2008)

Physical and Chemical Hazards	Not classified.
Human health	Carc. 1A - H350i
Environment	Aquatic Chronic 3 - H412

Classification (1999/45/EEC)

Carc. Cat. 1;R49. R52/53.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

Human health

Contains a substance which may cause cancer by inhalation. The product contains a sensitising substance which may provoke an allergic reaction among sensitive individuals.

Environment

The product contains a substance which is toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

2.2. Label elements

Contains NICKEL MONOXIDE

Label In Accordance With (EC) No. 1272/2008



Signal Word

Danger

Hazard Statements

H350i	May cause cancer by inhalation.
H412	Harmful to aquatic life with long lasting effects.

Precautionary Statements

P308+313 IF exposed or concerned: Get medical advice/attention.

Supplementary Precautionary Statements

P202	Do not handle until all safety precautions have been read and understood.
P273	Avoid release to the environment.
P281	Use personal protective equipment as required.
P405	Store locked up.
P501	Dispose of contents/container to ...

Supplemental label information

EUH208	Contains NICKEL MONOXIDE, Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione. May produce an allergic reaction.
RCH002	Restricted to professional users.

2.3. Other hazards

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2. Mixtures

Frits,chemicals sub group 5.1	50-80%
CAS No. 65997-18-4	EC No. : 266-047-6
Classification (EC 1272/2008) Not Classified	Classification (67/548/EEC) Not Classified

MANGANESE DIOXIDE	2.5-5%
CAS-No.: 1313-13-9	EC No.: 215-202-6
Classification (67/548/EEC) Acute Tox. 4 - H302 Acute Tox. 4 - H332	Classification (EC 1272/2008) Xn;R20/22

NICKEL MONOXIDE	0.5-1%
CAS-No.: 1313-99-1	EC No.: 215-215-7
	Registration Number: 01-2119467172-41-XXXX
Classification (67/548/EEC) Skin Sens. 1 - H317 Carc. 1A - H350i STOT RE 1 - H372 Aquatic Chronic 4 - H413	Classification (EC 1272/2008) Carc. Cat. 1;R49 T;R48/23 R43 R53

COPPER OXIDE	0.5-1%
CAS-No.: 1317-38-0	EC No.: 215-269-1
	Registration Number: 01-2119502447-44-xxxx
Classification (EC 1272/2008) Aquatic Acute 1 - H400	Classification (67/548/EEC) N;R50/53.

Tetrahydro-1,3,4,6-tetrakis(hydroxymethyl)imidazo(4,5-d)imidazole-2,5(1H,3H)-dione	0.25-0.5%
CAS-No.: 5395-50-6	EC No.: 226-408-0
Classification (EC 1272/2008) Skin Sens. 1 - H317	Classification (67/548/EEC) R43.

The Full Text for all R-Phrases and Hazard Statements are Displayed in Section 16.

SECTION 4: FIRST AID MEASURES

4.1. Description of first aid measure

Inhalation

Fresh air. Get medical attention if any discomfort continues.

Ingestion

Do not induce vomiting. Immediately give a couple of glasses of water or milk, provided the victim is fully conscious.

Skin contact

Wash skin with soap and water.

Eye contact

Rinse with water. Contact physician if discomfort continues.

4.2. Most important symptoms and effects, both acute and delayed

Inhalation

Frequent inhalation of dust over a long period of time increases the risk of developing lung diseases.

Skin contact

Mild dermatitis, allergic skin rash.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: FIREFIGHTING MEASURES

5.1. Extinguishing media

Extinguishing media

Use fire-extinguishing media appropriate for surrounding materials.

5.2. Special hazards arising from the substance or mixture

Unusual Fire & Explosion Hazards

No unusual fire or explosion hazards noted.

Specific hazards

The product is non-combustible. If heated, toxic vapours may be formed.

5.3. Advice for firefighters

Special Fire Fighting Procedures

No specific fire fighting procedure given.

Protective equipment for fire-fighters

Self contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1. Personal precautions, protective equipment and emergency procedures

Wear protective clothing as described in Section 8 of this safety data sheet.

6.2. Environmental precautions

Avoid spreading dust or contaminated materials. Do not discharge into drains, water courses or onto the ground.

6.3. Methods and material for containment and cleaning up

Remove spillage with vacuum cleaner. If not possible, collect spillage with shovel, broom or the like.

6.4. Reference to other sections

SECTION 7: HANDLING AND STORAGE

7.1. Precautions for safe handling

Do not eat, drink or smoke when using the product. Good personal hygiene is necessary. Wash hands and contaminated areas with water and soap before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Keep away from food, drink and animal feeding stuffs. Store in tightly closed original container at a temperature above 0°C.

7.3. Specific end use(s)

The identified uses for this product are detailed in Section 1.2.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1. Control parameters

Name	STD	TWA – 8 Hrs	STEL – 15 Mins	Notes
ANTIQUE BRONZE LOW SOL GLAZE		0.15mg/m ³		
COPPER OXIDE		1mg/m ³	2 mg/m ³	
MANGANESE DIOXIDE	WEL	0.5mg/m ³		
NICKEL MONOXIDE	WEL	0.5mg/m ³		Carc, Sen, Sk, as Ni

Ingredient Comments

OES = Occupational Exposure Standard.

COPPER OXIDE (CAS: 1317-38-0)

DNEL

Industry	Dermal	Long Term	Systemic Effects	137 mg/kg/day
Industry	Oral	Long Term	Systemic Effects	0.041 mg/kg/day

PNEC

Freshwater	0.0078	mg/l	
Marinewater	Long Term	0.0052	mg/l
Sediment (Freshwater)	87 mg/kg		
.			
Sediment (Marinewater)	676	mg/kg	
Soil	65	mg/kg	
STP	0.23	mg/l	

8.2. Exposure controls

Protective equipment



Engineering measures

Provide adequate ventilation, including appropriate local extraction, to ensure that the defined occupational exposure limit is not exceeded.

Respiratory equipment

If ventilation is insufficient, suitable respiratory protection must be provided.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves.

Eye protection

Wear dust resistant safety goggles where there is danger of eye contact.

Hygiene measures

Wash hands at the end of each work shift and before eating, smoking and using the toilet. When using do not eat, drink or smoke

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1. Information on basic physical and chemical properties

Appearance	Coloured liquid.
Odour	Odourless.
Solubility	Insoluble in water
Relative density	1-2
pH-Value, Conc. Solution	7

9.2. Other information

SECTION 10: STABILITY AND REACTIVITY

10.1. Reactivity

No specific reactivity hazards associated with this product.

10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

10.3. Possibility of hazardous reactions

Hazardous Polymerisation

Not relevant

10.4. Conditions to avoid

Not known.

10.5. Incompatible materials

Materials To Avoid

Strong acids.

10.6. Hazardous decomposition products

Not known.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1. Information on toxicological effects

Toxicological information

No data recorded.

Other Health Effects

Carcinogen Category 1.

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Inhalation

Harmful: danger of serious damage to health by prolonged exposure through inhalation.

Ingestion

No harmful effects expected in amounts likely to be ingested by accident.

Skin contact

Risk of sensitisation or allergic reactions among sensitive individuals.

Eye contact

May cause temporary eye irritation.

SECTION 12: ECOLOGICAL INFORMATION

Ecotoxicity

The product contains substances which are toxic to aquatic organisms and which may cause long term adverse effects in the aquatic environment.

12.1. Toxicity

12.2. Persistence and degradability

Degradability

The product solely consists of inorganic compounds which are not biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

12.6. Other adverse effects

SECTION 13: DISPOSAL CONSIDERATIONS

General information

Waste to be treated as controlled waste. Disposal to licensed waste disposal site in accordance with local Waste Disposal Authority.

13.1. Waste treatment methods

Dispose of waste and residues in accordance with local authority requirements.

SECTION 14: TRANSPORT INFORMATION

General

The product is not covered by international regulation on the transport of dangerous goods (IMDG, IATA, ADR/RID).

14.1. UN number

14.2. UN proper shipping name

14.3. Transport hazard class(es)

14.4. Packing group

14.5. Environmental hazards

14.6. Special precautions for user

14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code

SECTION 15: REGULATORY INFORMATION

15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture

Uk Regulatory References

Health and Safety at Work Act 1974.

Statutory Instruments

The Chemicals (Hazard Information and Packaging for Supply) Regulations 2009 (S.I 2009 No. 716).

Approved Code Of Practice

Safety Data Sheets for Substances and Preparations. Classification and Labelling of Substances and Preparations Dangerous for Supply.

Guidance Notes

Workplace Exposure Limits EH40. Introduction to Local Exhaust Ventilation HS(G)37.

EU Legislation

Dangerous Substance Directive 67/548/EEC. Dangerous Preparations Directive 1999/45/EC. Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation,

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Authorisation and Restriction of Chemicals (REACH), establishing a European Chemicals Agency, amending Directive 1999/45/EC and repealing Council Regulation (EEC) No 793/93 and Commission Regulation (EC) No 1488/94 as well as Council Directive 76/769/EEC and Commission Directives 91/155/EEC, 93/67/EEC, 93/105/EC and 2000/21/EC, including amendments.

National Regulations

Workplace Exposure Limits 2005 (EH40)

15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

SECTION 16: OTHER INFORMATION

Issued By Product Regulations Dept

Revision Date 25/02/2015

Revision 5

Supersedes date 17/03/2014

SDS No. P0136

Safety Data Sheet Status Approved.

Date 01.06.2004

Risk Phrases In Full

R20/22	Harmful by inhalation and if swallowed.
R52/53	Harmful to aquatic organisms, may cause long-term adverse effects in the aquatic environment.
R49	May cause cancer by inhalation.
R53	May cause long-term adverse effects in the aquatic environment.
R43	May cause sensitisation by skin contact.
R48/23	Toxic: danger of serious damage to health by prolonged exposure through inhalation.
R50/53	Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Hazard Statements In Full

H372	Causes damage to organs <<Organs>> through prolonged or repeated exposure.
H332	Harmful if inhaled.
H302	Harmful if swallowed.
H412	Harmful to aquatic life with long lasting effects.
H317	May cause an allergic skin reaction.
H350i	May cause cancer by inhalation.
H413	May cause long lasting harmful effects to aquatic life.
H400	Very toxic to aquatic life.

Disclaimer

This information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process. Such information is, to the best of the company's knowledge and belief, accurate and reliable as of the date indicated. However, no warranty guarantee or representation is made to its accuracy, reliability or completeness. It is the user's responsibility to satisfy himself as to the suitability of such information for his own particular use.

SAFETY DATA SHEET

New Perfect Red Glaze

SECTION 1: Identification of the substance/mixture and of the company/undertaking

1.1. Product identifier

Product name New Perfect Red Glaze
Product number P2821

1.2. Relevant identified uses of the substance or mixture and uses advised against

1.3. Details of the supplier of the safety data sheet

Supplier PotteryCrafts Ltd.,
Campbell Road,
Stoke-on-Trent.
Staffordshire,
UK ST4 4ET
Tel. 44(0)1782 745000
sales@potteryCrafts.co.uk

1.4. Emergency telephone number

Emergency telephone +44(0)1782 745000 Office Hours Mon-Friday 08:45-16:30 hours.

SECTION 2: Hazards identification

2.1. Classification of the substance or mixture

Classification

Physical hazards Not Classified
Health hazards Not Classified
Environmental hazards Not Classified

2.2. Label elements

Hazard statements EUH208 Contains 2,2,2 Hexahydro-1,3,5-triazine-1,3,5 triyl triethanol. May produce an allergic reaction.

2.3. Other hazards

SECTION 3: Composition/information on ingredients

SECTION 4: First aid measures

4.1. Description of first aid measures

Inhalation Unlikely route of exposure as the product does not contain volatile substances.
Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.
Skin contact Wash skin thoroughly with soap and water.
Eye contact Rinse with water.

4.2. Most important symptoms and effects, both acute and delayed

Skin contact Prolonged skin contact may cause redness and irritation.

4.3. Indication of any immediate medical attention and special treatment needed

SECTION 5: Firefighting measures

5.1. Extinguishing media

Suitable extinguishing media Use fire-extinguishing media suitable for the surrounding fire.

5.2. Special hazards arising from the substance or mixture

Specific hazards The product is not believed to present a hazard due to its physical nature.

5.3. Advice for firefighters

Special protective equipment for firefighters Use protective equipment appropriate for surrounding materials.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

6.2. Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials.

6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.

6.4. Reference to other sections

SECTION 7: Handling and storage

7.1. Precautions for safe handling

Usage precautions Read label before use. Do not eat, drink or smoke when using this product. Good personal hygiene procedures should be implemented. Wash hands and any other contaminated areas of the body with soap and water before leaving the work site.

7.2. Conditions for safe storage, including any incompatibilities

Storage precautions Store in tightly-closed, original container in a dry and cool place.

7.3. Specific end use(s)

SECTION 8: Exposure Controls/personal protection

8.1. Control parameters

8.2. Exposure controls

Hygiene measures When using do not eat, drink or smoke.

SECTION 9: Physical and Chemical Properties

9.1. Information on basic physical and chemical properties

Appearance Coloured Liquid
Colour Red
Odour Almost odourless.
Solubility(ies) Not applicable.

9.2. Other information

SECTION 10: Stability and reactivity

10.1. Reactivity

10.2. Chemical stability

Stability Stable at normal ambient temperatures and when used as recommended.

10.3. Possibility of hazardous reactions

10.4. Conditions to avoid

10.5. Incompatible materials**10.6. Hazardous decomposition products****SECTION 11: Toxicological information****11.1. Information on toxicological effects**

Eye contact May cause temporary eye irritation.

SECTION 12: Ecological Information

Ecotoxicity Not regarded as dangerous for the environment.

12.1. Toxicity**12.2. Persistence and degradability**

Biodegradation Not inherently biodegradable.

12.3. Bioaccumulative potential**12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment****12.6. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

General information Dispose of waste product or used containers in accordance with local regulations

SECTION 14: Transport information

General The product is not covered by International regulations on the transport of dangerous goods (IMDG, IAIA,ADR/RID)

14.1. UN number**14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture****15.2. Chemical safety assessment****SECTION 16: Other information**

SDS number 5265

Hazard statements in full NC : Not Classified

Supplemental Statements in full EUH208 Contains 2,2,2 Hexahydro-1,3,5-triazine-1,3,5 triyl triethanol. May produce an allergic reaction.

Date 31st May 2016

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