

BATH POTTERS SUPPLIES

MATERIAL SAFETY DATA SHEET (cosh120)

1. Identification of the preparation/Supplier reference

Trade Name **Calcium Chloride**

Chemical name Calcium chloride

Synonyms None

Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
Radstock, Nr. Bath. BA3 4XE

Emergency numbers Tel: 01761 411077
E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
Calcium chloride	10043-52-4	2331408	100

3. Health Hazard Identification

Inhalation Excessive exposure may cause severe irritation due to alkalinity

Ingestion Significant oral doses may result in gastro-intestinal perforation

Eyes May cause physical irritation and inflammation

Skin May cause physical irritation and inflammation

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention
immediately

Ingestion Do not induce vomiting, seek medical advice immediately

Eyes Wash immediately with copious amounts of water for at least 10 minutes. Seek
medical advice immediately

Skin Wash affected areas with plenty water

5. Fire Fighting Measures

Extinguishing Media Suitable for surrounding fire conditions

Special Exposure hazard In the event of a fire the product may emit harmful or toxic fumes

Personal protective
equipment Self contained breathing apparatus

6. Accidental Release Measures

Leaks & Spills Use suitable vacuum equipment where reasonably practicable, otherwise
damp down and scoop into a receptacle

Personal protective
equipment Respiratory protective equipment

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material
Storage	Store in dry area

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended.
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	White crystals, odourless
Flash point (°C)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	2
pH value	9.8
Melting point (°C)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	Zinc, strong acids, boric oxide and calcium oxide mixes
Hazardous decomposition products	None known
Hazardous polymerization products	None

11. Toxicology Information

Acute toxicology	LD50 Oral	1000mg/kg
	LD50 dermal	not known
	LD50 inhalation	not known
Health effects	Prolonged or repeated exposure above Occupational Exposure Standards may cause severe irritation and inflammation	

12. Ecological information

Ecotoxicity	Not known
Persistence	The product is chemically stable and will persist in the environment

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
	ADR	Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	Harmful - irritant		
R-Phrases	R20/22 harmful by inhalation and if swallowed R36/37/38 irritating to the eye, the respiratory system and the skin		
S-Phrases	S20/21 when using do not eat, drink or smoke S22/23 do not breathe dust or spray S26 in case of contact with eyes rinse immediately with plenty of water and seek medical advice		
UK Occupational exposures limits*	Mg/m ³	8 hr TWA	% in product
Dust - total inhalable		10	--
Dust - total respirable		5	--

* refer to HSE Guidance note EH40

In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk

16. Other information

References

COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
CHIP 96	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996
CHIP SDS ACOPS	HSC Approved Code of Practice for Safety data Sheets in accordance with regulation 6 of the CHIP regulations
HSE EH40	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSH regulations

Footnote

LIABILITY

Such information is the best of Bath Potters Supplies knowledge and belief accurate at the date of publication, which is the date generated automatically on the day of printing of this document.

However, no representation, warranty of guarantee is made as to its accuracy, reliability of completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

THIRD PARTY MATERIALS

Insofar as materials not manufactured or supplied by Bath Potters Supplies are used in conjunction with, or instead of Bath Potters Supplies materials, it is the responsibility of the customer itself to obtain from the manufacturer or supplier all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Bath Potters Supplies materials in conjunctions with other materials.

17. National Legislation

UK Legislation

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993

Environmental Protection (Duty of Care) regulations 1992 SI 2839

Carriage of Dangerous goods by Road and Rail Regulations 1994

Control of pollution Act 1974

Environmental Protection Act 1990

Highly Flammable Liquids and Petroleum Spirit Regulations 1972

EH40 Occupational Exposure Limits

SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

Important notes

Design CHIP-002

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.

26.08.21

Wrightset Super

According to EC Regulations 1907/2006 (REACH), 1272/2008 (CLP) & EU 2015/830

1. Identification of the product and of the company / undertaking

1.1 Product Identifier

Product Name (Code)	Wrightset Super
Trade Name	Wrightset Super
Product Code	Wrightset Super
CAS No.	Not applicable – mixture
EC No.	Not applicable – mixture
REACH Registration	All substances used in this mixture have been registered under REACH where required

1.2 Relevant identified uses (and uses advised against)

Identified Uses	Ready mixed air setting refractory mortar
Advised against	Not for consumer use

1.3 Details of the supplier of the Safety Data Sheet

Supplier	ULTRA
Address	SIG Trading Ltd, Adsetts House, 16 Europa View, Sheffield Business Park Sheffield S9 1XH
Telephone	+44 (0) 1704 226878
Facsimile	+44 (0) 1704 225857
email	ultraht@sigplc.co.uk

1.4 Emergency telephone number

+44 (0) 1704 226878 (09:00 – 17:00 Hrs Mon – Fri)

2. Hazards Identification

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Not classified as dangerous for supply or use according to regulation (EC) No 1272/2008

2.1.3 Additional Information

Storage life 4 months in cool dry conditions

2.2 Label elements

Pictogram(s)	None
Signal Word	None
Hazards	None
Precautions	P262 Do not get in eyes, on skin, or on clothing P305+351+314 IF IN EYES: Rinse cautiously with water for several minutes Get Medical advice/attention if you feel unwell P280 Wear protective gloves/protective clothing/eye protection/face protection
Supplemental	Not applicable

2.3 Other Hazards

Post-use removal by dry working can generate dusts potentially containing crystalline silica

3. Composition/information on ingredients

Hazardous Ingredient(s)	CAS No.	EC No. / REACH Registration No	% w/w	Classification EC 1272/2008	Hazard Pictogram
Bauxite	1318-16-7	603-521-7 Not yet registered	25 - 45	Not Classified	None
Ball clay (Kaolin)	1332-58-7	310-194-1 Not yet registered	10 - 20	Skin Irrit. 2 H315 Eye Irrit. 2 H319	GHS07
Silica Sand (Quartz)	14808-60-7	238-878-4 Not yet registered	25 - 45	Not Classified*	None
Silicic Acid, sodium salt	1344-09-8	215-687-4 01-2119448725-31-XXXX	<1	Skin Irrit. 2 H315 Eye Dam. 1 H318	GHS07
Water	7732-18-5	231-791-2 Not yet registered	>10	Not Classified	None

For full text of Hazard statements see Section 16

*Silica Sand - is washed sand containing minimal amounts of fine dust.

4. First aid measures

4.1 Description of first aid measures

general	No hazards which require special first aid measures
inhalation	Move to fresh air
skin contact	Remove contaminated clothing. Wash off with soap and plenty of water.
eye contact	Remove contact lenses where present. Keep eye wide open while rinsing
ingestion	Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person
protection	No special measures identified

4.2 Most important symptoms and effects, both acute and delayed

general	No significant symptoms known
inhalation	May be irritation of the throat
skin contact	May be mild irritation at the site of contact
eye contact	May be irritation and redness
ingestion	May be irritation of the throat

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Firefighting measures

5.1 Extinguishing media

Suitable	Use measures suitable for surrounding environment
Unsuitable	None

5.2 Special hazards

Material is non-combustible

5.3 Advice for fire fighters

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

6. Accidental Release Measures

6.1 Personal Precautions

6.1.1 For non-emergency Personnel

Wear gloves, eye protection

6.1.2 For emergency responders

Wear gloves, eye protection

6.2 Environmental Precautions

Do not allow to enter sewers or water courses

6.3 Methods and material for containment and cleaning up

Repack into suitable containers wearing gloves and protective clothing

6.4 Reference to other sections

For personal protection see section 8.

7. Handling & Storage

7.1 Precautions for safe handling

Keep cool and frost free. Use in rotation
Application by trowel

7.2 Conditions for safe storage, including any incompatibilities

Shelf life 4 months in cool dry conditions
During transport/storage the product may separate leaving a liquid layer which must be mixed back in to the mortar before use.

7.3 Specific end use(s)

Ready mixed air setting refractory mortar

8. Exposure controls / personal protection

8.1 Control parameters for workplace

Component	Identifier (CAS/EC)	State	WEL 8h TWA (mg/m3)	WEL 8h TWA (ppm)	STEL 15m (mg/m3)	STEL 15m (ppm)
Bauxite	1318-16-7	Respirable	10	-	-	-
Bauxite	1318-16-7	Inhalable	4	-	-	-
Ball Clay (Kaolin)	1332-58-7	Respirable	2	-	-	-
Ball Clay (Kaolin)	1332-58-7	Inhalable	-	-	-	-
Respirable Crystalline Silica (RCS)	14808-60-7	Respirable	0.1	-	-	-

Derived No Effect Level (DNEL)

Silicic acid, sodium salt CAS 1344-09-8

Workers:

Hazard via inhalation route Systemic effects Long term exposure 5.61 mg/m³

Hazard via dermal route Systemic effects Long term exposure 1.59 mg/kg bw/day

General Population:

Hazard via inhalation route Systemic effects Long term exposure 1.38 mg/m³

Hazard via dermal route Systemic effects Long term exposure 0.8 mg/kg bw/day

Hazard via oral route Systemic effects Long term exposure 0.8 mg/kg bw/day

Predicted No Effect Concentration (PNEC)

Silicic acid, sodium salt CAS 1344-09-8

aqua (freshwater) 7.5 mg/L

freshwater (intermittent releases) 7.5 mg/L

aqua (marine water) 1 mg/L

STP 348 mg/L

8.2 Exposure controls

Engineering Controls

No specific engineering controls required in well ventilated areas

Post use removal should consider methods to abate dust generation

Personal Protective Equipment

Eye Safety glasses/goggles EN 166 whilst handling

Hand Chemical-resistant gloves EN 374. Recommended: Butyl rubber/nitrile rubber gloves (0.4 mm)

Skin and body Long sleeved work clothing, long trousers

RPE Not required for installation unless other conditions at installation site dictate

Post-use removal use FFP3 dust mask

Environmental Controls

Do not allow product to enter sewers or water courses

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance Off-white mortar

Odour None

pH 11

Relative density 2.4 as supplied

Other properties not listed above No data available

9.2 Other information

No data available

10. Stability & Reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions

10.2 Chemical Stability

Stable at normal ambient temperatures and when used as recommended

10.3 Possibility of hazardous reactions

None anticipated in normal conditions of use

10.4 Conditions to avoid

Extremes of heat / cold

10.5 Incompatible materials

Strong acids, Oxidising agents

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed

11. Toxicological information

Component	Route	Species	Test	Exposure	Value	Unit
No components	*	*	*	*	*	*
Acute Toxicity	Not classified - based upon available information					
Skin corrosion	Not classified - based upon available information					
Skin irritation	Not classified - based upon available information					
Serious eye damage	Not classified - based upon available information					
Eye irritation	Not classified - based upon available information					
Respiratory sensitisation	Not classified - based upon available information					

Skin sensitisation	Not classified - based upon available information
Germ cell mutagenicity	Not classified - based upon available information
Carcinogenicity	Not classified - based upon available information
Reproductive toxicity	Not classified - based upon available information
STOT – single exposure	Not classified - based upon available information
STOT – repeated exposure	Not classified - based upon available information
Aspiration toxicity	Not classified - based upon available information

12. Ecological information

12.1 Toxicity

Component	Toxicity to:	Test	Exposure	Value	Unit
No components	*	*	*	*	*

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This mixture contains no substances considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

13.1.1 Product / packaging disposal

Dispose of dried waste as ceramics, bricks, tiles and construction products

13.1.2 Waste treatment – relevant information

Inert aggregate

13.1.3 Sewage disposal – relevant information

Avoid product entering sewer or water course

13.1.4 Other disposal recommendations

European Waste Code (EWC) 10 12 08 – waste ceramics, bricks, tiles and construction products
Post Use waste code must be separately determined based upon any process contaminants

14. Transport information

UN No.

Not classified for transport

Proper shipping name

Not classified for transport

Transport hazard class(es)

Not classified for transport

Packing group

Not classified for transport

Environmental hazards

Not classified for transport

15. Regulatory information

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

REACH candidate SVHC list

None of the substances are listed

REACH Annex XIV - authorisation

None of the substances are listed

REACH Annex XVII – restriction

None of the substances are listed

15.2 Chemical Safety Assessment

A chemical safety assessment has not been conducted for this product

16. Other information

Pictogram(s)

GHS07 – Exclamation mark

Hazards

H302 Harmful if swallowed

H315 Causes skin irritation

H318 Causes serious eye damage

H319 Causes serious eye irritation

Precautions

P262 Do not get in eyes, on skin, or on clothing

P305+351+314 IF IN EYES: Rinse cautiously with water for several minutes Get Medical advice/attention if you feel unwell

P280 Wear protective gloves/protective clothing/eye protection/face protection

Previous version 27th April 2018
Changes to previous version Supplier address

The information provided within this Safety Data Sheet is believed correct and to the best of our available knowledge as at its revision date. The information given should only be used as guidance for safe handling, use, processing, storage, transportation and disposal and should not to be considered as obligation in respect of warranty of (technical) performance, quality (specification) or suitability for any particular application.

BATH POTTERS SUPPLIES

MATERIAL SAFETY DATA SHEET

(cosh44)

1. Identification of the preparation/Supplier reference

Trade Name **Sodium Dispex**
Chemical name Sodium silicate
Synonyms Waterglass
Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
Radstock, Nr. Bath. BA3 4XE
Emergency numbers Tel: 01761 411077
 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
Sodium silicate	1344-09-8	229-912-9	refer to summary

3. Health Hazard Identification

Inhalation Excessive exposure may cause symptoms of chronic lung disease
Ingestion The product is of low solubility in body fluids and it is likely to be of low acute toxicity
Eyes Causes physical irritation and inflammation
Skin Causes physical irritation and inflammation.

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention
Ingestion Wash out mouth with water and give sips of water or milk. Do not induce vomiting, seek medical attention.
Eyes Speed is essential. Irrigate eyes for not less than 20 minutes with clean water immediately otherwise permanent damage will result. See medical attention
Skin Wash affected areas with copious quantities of water until no soapy feelings remain. Obtain medical attention if irritation persists

5. Fire Fighting Measures

Extinguishing Media Those suitable for surrounding fire conditions
Special Exposure hazard The product is non flammable. Contact with certain metals (aluminium, zinc and tin) liberates highly flammable hydrogen gas which may form an explosive mixture with air.
Personal protective equipment May generate toxic fumes in a fire - self contained breathing apparatus and full body protective clothing.

6. Accidental Release Measures

Leaks & Spills Contain spillage. Scoop into a suitable container. Wipe up any excess. If any enters drain dilute as much as possible.
Personal protective equipment Wear goggles and respiratory protective equipment. Eyes baths should be available.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material. Wear suitable goggles, gloves and clothing when handling.
Storage	Store in dry area. Do not store solutions above 50°C for prolonged periods. Protect solutions from freezing.

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Refer to summary, odourless
Flash point (°C)	N/a
Flammability	N/a
Explosive properties	N/a
Oxidising properties	N/a
Specific gravity	1-3
pH value	7>11
Melting point (°C)	980°C

10. Stability & Reactivity

Chemical stability	The material is stable under normal conditions
Conditions/materials to avoid	Avoid exposure to atmospheric draughts and low temperatures. Avoid contact with strong acids. Acid will cause the liquid to gel. Absorbs carbon dioxide from the air Ignites and maintains combustion in flourine Contact with wood will cause discoloration Solutions will react with new surfaces of aluminium, zinc, tin and their alloy will liberate hazardous decomposition fumes
Hazardous decomposition products	Contact with aluminium, brass, tin, zinc will produce highly flammable and explosive H ₂ gas
Hazardous polymerization products	None

11. Toxicology Information

Acute toxicology	Liquid and mist cause severe irritation and corrosion to skin, eyes, respiratory and digestive tracts. There is little danger of cold solution causing acute damage to the skin. Hot solutions may cause chemical burns
Health effects	Prolonged contact may cause dryness and reddening of the skin. Corrosive to eyes and may case corneal damage. Inhalation may cause pulmonary oedema. Ingestion causes system dehydration and nausea. Ingestion of large amounts may result in sever abdominal pains, vomiting, diarrhoea, convulsions and collapse

12. Ecological information

Ecotoxicity Increase in pH 10 or more is lethal to aquatic life
Persistence No evidence of bio-accumulation or tainting of seafood

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

14. Transport Information

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
	ADR	Not classified
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	Harmful
R-Phrases	R38 irritating to the skin R41 risk of serious damage to eyes
S-Phrases	S2 keep out of reach of children S26 in case of contact with eyes rinse immediately with plenty of water and seek medical advice S37 wear suitable gloves S39 wear eye and face protection
UK Occupational exposures limits*	Mg/m ³ 8 hr TWA % in product

* refer to HSE Guidance note EH40

In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk

16. Other information

References

COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
CHIP 96	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996
CHIP SDS ACOPS	HSC Approved Code of Practice for Safety data Sheets in accordance with regulation 6 of the CHIP regulations
HSE EH40	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSH regulations

Footnote

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17. National Legislation

UK Legislation

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993

Environmental Protection (Duty of Care) regulations 1992 SI 2839

Carriage of Dangerous goods by Road and Rail Regulations 1994

Control of pollution Act 1974

Environmental Protection Act 1990

Highly Flammable Liquids and Petroleum Spirit Regulations 1972

EH40 Occupational Exposure Limits

SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

Important notes

Design CHIP-002

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.

26.08.21

According to (EC) No. 1907/2006, as amended

3315288		Acticide BFM 25-kg	
Product specification	28257	Revision Date	28.03.2019
Version	2.0	Print Date	06.09.2021
Material number	3315288	Page	Page 1 of 15

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

1.1 Product identifier

Material number : **3315288**

Trade name : **3315288**
Acticide BFM 25-kg

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

Use of the Substance/Mixture : Raw material for industry

1.3 Details of the supplier of the safety data sheet

Company : Ferro (Great Britain) Limited
Nile Street, Burslem
ST6 2BQ Stoke-on-Trent

Telephone : +441782820400

Telefax : +441782820402

E-mail address : sdsuk@ferro.com

Responsible/issuing person

1.4 Emergency telephone number

In-Country Number : +(44)-870-8200418

CHEMTREC Global Number : +(1)-703-527-3887 (Call Collect)

SECTION 2: HAZARDS IDENTIFICATION

2.1 Classification of the substance or mixture

Classification (REGULATION (EC) No 1272/2008)

Acute toxicity, Category 4	H302: Harmful if swallowed.
Skin irritation, Category 2	H315: Causes skin irritation.
Eye irritation, Category 2	H319: Causes serious eye irritation.
Skin sensitisation, Category 1	H317: May cause an allergic skin reaction.
Specific target organ toxicity - repeated exposure, Category 2	H373: May cause damage to organs through prolonged or repeated exposure.

According to (EC) No. 1907/2006, as amended

3315288		Acticide BFM 25-kg	
Product specification	28257	Revision Date	28.03.2019
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Material number	3315288	Page	Page 2 of 15

2.2 Label elements

Labelling (REGULATION (EC) No 1272/2008)

Hazard pictograms :



Signal word : Warning

Hazard statements : H302 Harmful if swallowed.
 H315 Causes skin irritation.
 H317 May cause an allergic skin reaction.
 H319 Causes serious eye irritation.
 H373 May cause damage to organs through prolonged or repeated exposure.

Precautionary statements : **Prevention:**
 P260 Do not breathe dust/ fume/ gas/ mist/ vapours/ spray.
 P280 Wear eye protection/ face protection.
 P280 Wear protective gloves.
Response:
 P314 Get medical advice/ attention if you feel unwell.
 P333 + P313 If skin irritation or rash occurs: Get medical advice/ attention.
 P337 + P313 If eye irritation persists: Get medical advice/ attention.

Hazardous components which must be listed on the label:

2,2'-oxydiethanol

tetramethylol acetylene diurine

1,2-benzisothiazol-3(2H)-one

2-methyl-2H-isothiazol-3-one

2.3 Other hazards

This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher.

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

3.2 Mixtures

According to (EC) No. 1907/2006, as amended

3315288		Acticide BFM 25-kg	
Product specification	28257	Revision Date	28.03.2019
Version	2.0	Print Date	06.09.2021
Material number	3315288	Page	Page 3 of 15

Chemical nature : glycol ether/-acetate
urea/derivative

Hazardous components

Chemical Name	CAS-No. EC-No. Registration number	Classification (REGULATION (EC) No 1272/2008)	Concentration (%)
2,2'-oxydiethanol	111-46-6 203-872-2	Acute Tox. 4; H302 STOT RE 2; H373	>= 25 - < 50
tetramethylol acetylene diuriene	5395-50-6 226-408-0	Skin Sens. 1; H317	>= 25 - < 50
1,2-benzisothiazol-3(2H)-one	2634-33-5 220-120-9	Acute Tox. 4; H302 Skin Irrit. 2; H315 Eye Dam. 1; H318 Skin Sens. 1; H317 Aquatic Acute 1; H400	>= 1 - < 2,5
2-methyl-2H-isothiazol-3-one	2682-20-4 220-239-6	Acute Tox. 4; H302 Acute Tox. 4; H332 Skin Corr. 1B; H314 Skin Sens. 1; H317 Aquatic Acute 1; H400	>= 1 - < 2,5

For explanation of abbreviations see section 16.

SECTION 4: FIRST AID MEASURES**4.1 Description of first aid measures**

- General advice : Move out of dangerous area.
Consult a physician.
Show this safety data sheet to the doctor in attendance.
Do not leave the victim unattended.
- If inhaled : Consult a physician after significant exposure.
If unconscious place in recovery position and seek medical advice.
- In case of skin contact : Take off contaminated clothing and shoes immediately.
Wash off with soap and plenty of water.
If symptoms persist, call a physician.
If on skin, rinse well with water.
If on clothes, remove clothes.
- In case of eye contact : Immediately flush eye(s) with plenty of water.
Remove contact lenses.
Protect unharmed eye.
Keep eye wide open while rinsing.
If eye irritation persists, consult a specialist.

According to (EC) No. 1907/2006, as amended

3315288		Acticide BFM 25-kg	
Product specification	28257	Revision Date	28.03.2019
Version	2.0	Print Date	06.09.2021
Material number	3315288	Page	Page 4 of 15

If swallowed : Clean mouth with water and drink afterwards plenty of water.
 Induce vomiting immediately and call a physician.
 Keep respiratory tract clear.
 Do not give milk or alcoholic beverages.
 Never give anything by mouth to an unconscious person.
 If symptoms persist, call a physician.
 Take victim immediately to hospital.

4.2 Most important symptoms and effects, both acute and delayed

Symptoms : None known.
 Risks : Harmful if swallowed.
 Causes skin irritation.
 May cause an allergic skin reaction.
 Causes serious eye irritation.
 May cause damage to organs through prolonged or repeated exposure.

4.3 Indication of any immediate medical attention and special treatment needed

Treatment : The first aid procedure should be established in consultation with the doctor responsible for industrial medicine.

SECTION 5: FIREFIGHTING MEASURES

5.1 Extinguishing media

Suitable extinguishing media : Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

Unsuitable extinguishing media : High volume water jet

5.2 Special hazards arising from the substance or mixture

Specific hazards during firefighting : Do not allow run-off from fire fighting to enter drains or water courses.

Hazardous combustion products : No hazardous combustion products are known

5.3 Advice for firefighters

Special protective equipment for firefighters : In the event of fire, wear self-contained breathing apparatus.

Further information : Collect contaminated fire extinguishing water separately. This must not be discharged into drains.
 Fire residues and contaminated fire extinguishing water must be disposed of in accordance with local regulations.

According to (EC) No. 1907/2006, as amended

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SECTION 6: ACCIDENTAL RELEASE MEASURES

6.1 Personal precautions, protective equipment and emergency procedures

Personal precautions : Use personal protective equipment.
Ensure adequate ventilation.
Evacuate personnel to safe areas.

6.2 Environmental precautions

Environmental precautions : Prevent product from entering drains.
Prevent further leakage or spillage if safe to do so.
If the product contaminates rivers and lakes or drains inform
respective authorities.

6.3 Methods and material for containment and cleaning up

Methods for cleaning up : Soak up with inert absorbent material (e.g. sand, silica gel,
acid binder, universal binder, sawdust).
Keep in suitable, closed containers for disposal.

6.4 Reference to other sections

For personal protection see section 8.

SECTION 7: HANDLING AND STORAGE

7.1 Precautions for safe handling

Advice on safe handling : Do not breathe vapours/dust.
Avoid exposure - obtain special instructions before use.
Avoid exceeding the given occupational exposure limits (see
section 8).
Avoid contact with skin and eyes.
For personal protection see section 8.
Persons with a history of skin sensitisation problems or
asthma, allergies, chronic or recurrent respiratory disease
should not be employed in any process in which this mixture is
being used.
Smoking, eating and drinking should be prohibited in the
application area.
Dispose of rinse water in accordance with local and national
regulations.
Persons susceptible to skin sensitisation problems or asthma,
allergies, chronic or recurrent respiratory disease should not
be employed in any process in which this mixture is being
used.

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Advice on protection against fire and explosion : Normal measures for preventive fire protection.

Hygiene measures : Handle in accordance with good industrial hygiene and safety practice. When using do not eat or drink. When using do not smoke. Wash hands before breaks and at the end of workday.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storage areas and containers : Keep container tightly closed in a dry and well-ventilated place. Containers which are opened must be carefully resealed and kept upright to prevent leakage. Electrical installations / working materials must comply with the technological safety standards.

Advice on common storage : Do not store near acids.

Other data : No decomposition if stored and applied as directed.

7.3 Specific end use(s)

Specific use(s) : Consult the technical guidelines for the use of this substance/mixture.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

8.1 Control parameters

Occupational Exposure Limits

Components	CAS-No.	Value type (Form of exposure)	Control parameters	Expressed as	Basis
2,2'-oxydiethanol	111-46-6	TWA	23 ppm 101 mg/m ³		GB EH40
Further information	Where no specific short-term exposure limit is listed, a figure three times the long-term exposure should be used				

8.2 Exposure controls

Engineering measures

No data available

Personal protective equipment

Eye protection : Eye wash bottle with pure water
Tightly fitting safety goggles
Wear face-shield and protective suit for abnormal processing problems.

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Hand protection	: Polyvinyl alcohol or nitrile- butyl-rubber gloves The selected protective gloves have to satisfy the specifications of EU Directive 89/686/EEC and the standard EN 374 derived from it. Before removing gloves clean them with soap and water. The suitability for a specific workplace should be discussed with the producers of the protective gloves.
Skin and body protection	: impervious clothing Choose body protection according to the amount and concentration of the dangerous substance at the work place.
Respiratory protection	: In the case of vapour formation use a respirator with an approved filter.
Protective measures	: Wear suitable protective equipment. When using do not eat, drink or smoke.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Information on basic physical and chemical properties

Appearance	: liquid
Colour	: amber, clear
Odour	: characteristic
Odour Threshold	: No data available
pH	: ca. 4,8, Concentration: 100 g/l (20 °C)
Melting point/range	: No data available
Boiling point/boiling range	: ca. 100 °C
Flash point	: > 138 °C
Evaporation rate	: No data available
Flammability (solid, gas)	: No data available
Burning rate	: No data available
Auto-ignition temperature	: No data available
Upper explosion limit	: No data available
Lower explosion limit	: No data available

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Vapour pressure	: No data available
Relative vapour density	: No data available
Relative density	: No data available
Density	: 1,21 - 1,26 g/cm ³ (20 °C)
Bulk density	: No data available
Solubility(ies)	
Water solubility	: completely miscible
Solubility in other solvents	: No data available
Partition coefficient: n-octanol/water	: No data available
Decomposition temperature	: No data available
Viscosity	
Viscosity, dynamic	: No data available
Explosive properties	: No data available
Oxidizing properties	: Not applicable

9.2 Other information

Refractive index	: No data available
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SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

Stable under recommended storage conditions.

10.2 Chemical stability

No decomposition if stored and applied as directed.

10.3 Possibility of hazardous reactions

Hazardous reactions : Stable under recommended storage conditions.
No decomposition if used as directed.
No hazards to be specially mentioned.

10.4 Conditions to avoid

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Conditions to avoid : No data available

10.5 Incompatible materials

Materials to avoid : No data available

10.6 Hazardous decomposition products

Stable under normal conditions.

SECTION 11: TOXICOLOGICAL INFORMATION

11.1 Information on toxicological effects

Acute toxicity

Harmful if swallowed.

Product:

Acute oral toxicity : Remarks: No data available
 Acute toxicity estimate: 963,39 mg/kg
 Method: Calculation method

Acute inhalation toxicity : Remarks: No data available
 Acute toxicity estimate: > 20 mg/l
 Exposure time: 4 h
 Test atmosphere: vapour
 Method: Calculation method

Acute dermal toxicity : Remarks: No data available

Components:

2,2'-oxydiethanol:

Acute oral toxicity : Acute toxicity estimate: 500 mg/kg
 Method: Converted acute toxicity point estimate

1,2-benzisothiazol-3(2H)-one:

Acute oral toxicity : Acute toxicity estimate: 500 mg/kg
 Method: Converted acute toxicity point estimate

Skin corrosion/irritation

Causes skin irritation.

Product:

Remarks: May cause skin irritation and/or dermatitis.

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Serious eye damage/eye irritation

Causes serious eye irritation.

Product:

Remarks: May cause irreversible eye damage.

Respiratory or skin sensitisation

Skin sensitisation: May cause an allergic skin reaction.

Respiratory sensitisation: Not classified based on available information.

Product:

Remarks: Causes sensitisation.

Germ cell mutagenicity

Not classified based on available information.

Carcinogenicity

Not classified based on available information.

Reproductive toxicity

Not classified based on available information.

STOT - single exposure

Not classified based on available information.

STOT - repeated exposure

May cause damage to organs through prolonged or repeated exposure.

Aspiration toxicity

Not classified based on available information.

Further information**Product:**

Remarks: No data available

SECTION 12: ECOLOGICAL INFORMATION**12.1 Toxicity****Product:**

Ecotoxicology Assessment

Acute aquatic toxicity : No data available

Chronic aquatic toxicity : No data available

Components:***2,2'-oxydiethanol:***

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Toxicity to fish : LC50 (Fish): 75.200 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : EC50 (Daphnia (water flea)): 84.000 mg/l
Exposure time: 48 h

1,2-benzisothiazol-3(2H)-one:

Toxicity to fish : (Oncorhynchus mykiss (rainbow trout)): 0,8 mg/l
Exposure time: 96 h

Toxicity to daphnia and other aquatic invertebrates : LC50 (Daphnia magna (Water flea)): 4,4 mg/l
Exposure time: 48 h

12.2 Persistence and degradability

Product:

Biodegradability : Remarks: No data available

Components:

2,2'-oxydiethanol:

Biodegradability : Remarks: No data available

tetramethylol acetylene diuriene:

Biodegradability : Remarks: No data available

1,2-benzisothiazol-3(2H)-one:

Biodegradability : Remarks: No data available

2-methyl-2H-isothiazol-3-one:

Biodegradability : Remarks: No data available

12.3 Bioaccumulative potential

Product:

Bioaccumulation : Remarks: No data available

Components:

2,2'-oxydiethanol:

Bioaccumulation : Remarks: No data available

tetramethylol acetylene diuriene:

Bioaccumulation : Remarks: No data available

1,2-benzisothiazol-3(2H)-one:

Bioaccumulation : Remarks: No data available

2-methyl-2H-isothiazol-3-one:

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Bioaccumulation : Remarks: No data available

12.4 Mobility in soil

Product:

Distribution among environmental compartments : Remarks: No data available

Components:

2,2'-oxydiethanol:

Distribution among environmental compartments : Remarks: No data available

tetramethylol acetylene diuriene:

Distribution among environmental compartments : Remarks: No data available

1,2-benzisothiazol-3(2H)-one:

Distribution among environmental compartments : Remarks: No data available

2-methyl-2H-isothiazol-3-one:

Distribution among environmental compartments : Remarks: No data available

12.5 Results of PBT and vPvB assessment

Product:

Assessment : This substance/mixture contains no components considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher..

12.6 Other adverse effects

Product:

Additional ecological information : Remarks: An environmental hazard cannot be excluded in the event of unprofessional handling or disposal.
Toxic to aquatic life.

SECTION 13: DISPOSAL CONSIDERATIONS

13.1 Waste treatment methods

Product : The product should not be allowed to enter drains, water courses or the soil.
Do not contaminate ponds, waterways or ditches with

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chemical or used container.
 Offer surplus and non-recyclable solutions to a licensed
 disposal company.
 Send to a licensed waste management company.

Contaminated packaging : Empty remaining contents.
 Dispose of as unused product.
 Do not re-use empty containers.

SECTION 14: TRANSPORT INFORMATION

14.1 UN number

Not regulated as a dangerous good

14.2 UN proper shipping name

Not regulated as a dangerous good

14.3 Transport hazard class(es)

Not regulated as a dangerous good

14.4 Packing group

Not regulated as a dangerous good

14.5 Environmental hazards

Not regulated as a dangerous good

14.6 Special precautions for user

Remarks : Not classified as dangerous in the meaning of transport regulations.

14.7 Transport in bulk according to Annex II of MARPOL and the IBC Code

Ship type : N/A
 Pollution category : N/A

SECTION 15: REGULATORY INFORMATION

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

International Chemical Weapons Convention (CWC) Schedules of Toxic Chemicals and Precursors : Neither banned nor restricted

REACH - Restrictions on the manufacture, placing on the market and use of certain dangerous substances, preparations and articles (Annex XVII) : Neither banned nor restricted

Regulation (EC) No 649/2012 of the European Parliament and the Council concerning the export and : Neither banned nor restricted

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import of dangerous chemicals

REACH - Candidate List of Substances of Very High Concern for Authorisation (Article 59). : This product does not contain substances of very high concern (Regulation (EC) No 1907/2006 (REACH), Article 57).

REACH - List of substances subject to authorisation (Annex XIV) : Neither banned nor restricted

Regulation (EC) No 1005/2009 on substances that deplete the ozone layer : Neither banned nor restricted

Regulation (EC) No 850/2004 on persistent organic pollutants : Neither banned nor restricted

Seveso III: Directive 2012/18/EU of the European Parliament and of the Council on the control of major-accident hazards involving dangerous substances.
Not applicable

The components of this product are reported in the following inventories:

EINECS (European Union) : On the inventory, or in compliance with the inventory

SWISS (Switzerland) : On the inventory, or in compliance with the inventory

TSCA (United States) : On TSCA Inventory

DSL/NDSL (Canada) : All components of this product are on the Canadian DSL.

AICS (Australia) : On the inventory, or in compliance with the inventory

NZioC (New Zealand) : On the inventory, or in compliance with the inventory

ENCS (Japan) : On the inventory, or in compliance with the inventory

ISHL (Japan) : On the inventory, or in compliance with the inventory

KECI (Korea) : On the inventory, or in compliance with the inventory

PICCS (Philippines) : On the inventory, or in compliance with the inventory

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IECSC (China) : On the inventory, or in compliance with the inventory

TCSI (Taiwan) : Not in compliance with the inventory

CICR (Turkey) : Not in compliance with the inventory

INSQ (Mexico) : Not in compliance with the inventory

15.2 Chemical Safety Assessment

Not applicable

SECTION 16: OTHER INFORMATION

Full text of H-Statements

H302 : Harmful if swallowed.
 H314 : Causes severe skin burns and eye damage.
 H315 : Causes skin irritation.
 H317 : May cause an allergic skin reaction.
 H318 : Causes serious eye damage.
 H332 : Harmful if inhaled.
 H373 : May cause damage to organs through prolonged or repeated exposure.
 H400 : Very toxic to aquatic life.

Full text of other abbreviations

Acute Tox. : Acute toxicity
 Aquatic Acute : Acute aquatic toxicity
 Eye Dam. : Serious eye damage
 Skin Corr. : Skin corrosion
 Skin Irrit. : Skin irritation
 Skin Sens. : Skin sensitisation
 STOT RE : Specific target organ toxicity - repeated exposure

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The 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, unless specified in the text.

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

Common Name: **HI FIRE (Ceramic Talc)**

Cas No: **Mixture**

Chemical Name: **Mixture of hydrous Calcium, Magnesium, and Aluminum silicates.**

Chemical Family: **Clay Slip**

Formula: **Mixture**

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name **Gordon Brush Mfg. Co., Inc.**

Emergency Telephone Number **CHEMTREC (800) 424-9300**

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information **(800) 654-6279**
National Response Center (800) 424-8802

6247 Randolph Street

Commerce, California 90040-3514

Date Prepared **5.31.90**

(323) 724-7777 Fax: (323) 724-1111

Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))

OSHA PEL ACGIH TLV Other Limits Recommended % (optional)

HAZARDOUS INGREDIENTS: (MIXTURES)

% TLV

No acute hazardous ingredients in sufficient quantity to be toxic or hazardous in liquid form. Some of the ingredients contain free silica. Prolonged inhalation in a dried form may cause delayed lung injury (Silicosis).

Section III—Physical/Chemical Characteristics

Boiling Point **N.A.**

Specific Gravity (H₂O = 1) **Approx. 2**

Vapor Pressure (mm Hg) **N.A.**

Melting Point **N.A.**

Vapor Density (AIR = 1) **N.A.**

Evaporation Rate (Butyl Acetate = 1) **N.A.**

Solubility in Water **N.A.**

Appearance and Odor **Thin brown paste.**

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)

Flammable Limits

LEL **N.A.**

UEL **N.A.**

Extinguishing Media **Water, fog, flood, CO₂, and dry chemical.**

Special Fire Fighting Procedures **Wear self contained breathing apparatus.**

Unusual Fire and Explosion Hazards **Burning product may produce hazardous fumes.**

Section V—Reactivity Data

Stability	Unstable <input type="checkbox"/>		Conditions to Avoid N.A.
	Stable <input checked="" type="checkbox"/>		

Incompatibility (Materials to Avoid) **N.A.**Hazardous Decomposition or Byproducts **Fire may produce hazardous fumes.**

Hazardous Polymerization	May Occur <input type="checkbox"/>		Conditions to Avoid N.A.
	Will Not Occur <input checked="" type="checkbox"/>		

Section VI—Health Hazard Data

Route(s) of Entry Inhalation: **Remove to fresh air.** Skin: **Wash off with water.**
 Eyes: **Flush with plenty of water. Get medical attention, if irritation persists.** Ingestion: **Unlikely to cause outward effects.**

Health Hazards (Acute and Chronic)

Acute **N.A.**Chronic Overexposure **prolonged inhalation may cause delayed lung injury**

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure

Medical Conditions

Generally Aggravated by Exposure **N.A.**

Emergency and First Aid Procedures

Section VII—Precautions for Safe Handling and UseSteps to Be Taken in Case Material Is Released or Spilled **Wipe up spill and handle as normal solid waste.**Waste Disposal Method **Dispose of according to state and local regulations.**Precautions to Be Taken in Handling and Storing **Keep container closed when not in use.**Other Precautions **Avoid generating dust/mist.****Section VII—Control Measures**Respiratory Protection (Specify Type) **Any NIOSH approved mist respirator.**

Ventilation	Local Exhaust <input type="checkbox"/>	Special N.A.
	Mechanical (General) <input checked="" type="checkbox"/>	Other N.A.

Protective Gloves None special	Eye Protection Safety glasses
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Other Protective Clothing or Equipment **None special**Work/Hygienic Practices **N.A.**

The information herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Gordon Brush Mfg. Co., Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risk associated with the use of material.

BATH POTTERS SUPPLIES

MATERIAL SAFETY DATA SHEET

1. Identification of Preparation/Company.

DIPPING LATEX
Trade name AL.800 Latex Rubber Compound
Product: Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
Supplier: Radstock, Nr. Bath. BA3 4XE
Emergency Numbers: Tel: 01761 411077 :
E:mail: sales@bathpotters.co.uk

2 Composition: Pre-vulcanised natural rubber latex compound.

3 Physical properties

Appearance: White Liquid

Odour: Ammoniacal

Flash Point (Abel closed cup): Non-flammable PH: 10 - approx

Water based product

Volatile Content: 44% (water and as listed below) S.C.: 0.96

Solubility in Water: Miscible

POTENTIALLY HAZARDOUS VOLATILES AT ROOM TEMPERATURE

OEL (8hr'IWA)

Ammonia 0.57. (max)

25 ppm (OES)*

*OES. Occupational Exposure Standard The Control of Substances Hazardous to Health
Regulations 1988 Ref HSE Guidance Note EH40/91

Classification Packaging and labelling of Dangerous Substances Regulations 1984 SI.1244

Designation:

Classification (General Nature of Risk): Product not subject to classification under above
regulations.

Risk Phrases:

Safety Phrases:

4 Precautions in Use - Personnel

Respiratory: No special precautions but ensure work place is adequately ventilated to disperse
small amounts of ammonia which are
often present in latex products.

Ventilation: Sufficient to maintain vapour concentrations of ammonia and any other volatiles
constituents present below the Occupational Exposure Limits as listed on Page 1.

Natural ventilation may be adequate but subject to working arrangements, quantities used etc.

Skin: Rubber latex emulsions are normally alkaline (PH >7) and contain a variety of emulsifiers and preservatives. Avoid frequent/prolonged skin contact and wash from skin before product dries whenever possible.

Eyes: Wear goggles if splashing likely.

Clothes: Overalls/apron.

5 Over Exposure

Inhalation: Ammonia content of the product is low and serious over- exposure is unlikely. Typical symptoms are irritation of eyes, nose and throat.

Skin: Excessive contact with latex emulsion may cause mild irritation.

Eyes; Discomfort/mild irritation.

Ingestion: Danger of coagulation to form solid *mass*.

6 First Aid

Inhalation: Remove from exposure to fresh air. Seek medical advice if symptoms persist.

Skin; Wash with soap and water.

Eyes: Rinse immediately with plenty of water and seek medical advice if symptoms persist.

Ingestion: Obtain immediate medical advice.

7 Fire Precautions

Working: Product is water based and non-flammable as supplied. Dried solids are combustible.

Fire Fighting: Extinguishing Agents: Water, CO₂, Foam, Dry Powder.

Products Formed: Black Smoke, Hydrocarbon degradation and combustion products. CO, CO₂.

Excessive Heat: Possible bursting of sealed containers.

Spillage: Prevent entry into drains and sewers. Absorb in sand or soil and transfer to containers for disposal.

Disposal: As notifiable waste in agreement with local authority.

Stability: No hazardous instability. Nominal shelf life 6 months if stored as recommended.

Storage: Protect against frost. Store out of sunlight and away from Sources of heat.

Transport: Precautions as for storage. Not subject to Transport Regulations.

8 Additional Information

Guidance Note EH40. Published and updated annually by the Health and Safety Executive.
OEL values listed - page 1 are subject to periodical revision.

NOTE This information is accurate to the best of the knowledge of Dunlop Adhesives and Bath Potters Supplies, and is given on the understanding that the products will be used in accordance with any instructions given with the product. Should any usage be contemplated outside these instructions then appropriate advice should be sought.

ALPHA

SAFETY DATA SHEET

AL 1674

1 IDENTIFICATION OF THE SUBSTANCE/PREPARATION AND OF THE COMPANY/UNDERTAKING

PRODUCT NAME AL 1674
PRODUCT NO. 1674-413, 1674-000
APPLICATION Brushable Moulding Compound
SUPPLIER Alpha Adhesives & Sealants Ltd
Llewellyn Close,Sandy Lane Ind.Est.
Stourport-on-Severn
Worcestershire DY13 9RH
01299 828626
01299 828666
sales@alpha-adhesives.co.uk
EMERGENCY TELEPHONE 44 (0) 1299 828626 (Available 08.30 to 17.00)

2 HAZARDS IDENTIFICATION

Not regarded as a health or environmental hazard under current legislation.

3 COMPOSITION/INFORMATION ON INGREDIENTS

COMPOSITION COMMENTS

Contains natural rubber latex.May cause an allergic reaction

4 FIRST-AID MEASURES

INHALATION

Move the exposed person to fresh air at once. Get medical attention if any discomfort continues.

INGESTION

Nausea with risk of coagulation to form solid mass Get medical attention if any discomfort continues.

SKIN CONTACT

Get medical attention if irritation persists after washing. Wash the skin immediately with soap and water.

EYE CONTACT

Continue to rinse for at least 15 minutes. Get medical attention if any discomfort continues. Rinse the eye with water immediately.

5 FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA

This product is not flammable. Use fire-extinguishing media appropriate for surrounding materials.

SPECIFIC HAZARDS

Toxic gases/vapours/fumes of Carbon dioxide (CO₂). Carbon monoxide (CO).

6 ACCIDENTAL RELEASE MEASURES

SPILL CLEAN UP METHODS

Stop leak if possible without risk. Absorb in vermiculite, dry sand or earth and place into containers. Flush with plenty of water to clean spillage area. Do not contaminate water sources or sewer.

7 HANDLING AND STORAGE

USAGE PRECAUTIONS

Avoid spilling, skin and eye contact.

AL 1674

STORAGE PRECAUTIONS

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

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

PROTECTIVE EQUIPMENT



ENGINEERING MEASURES

Provide adequate general and local exhaust ventilation.

RESPIRATORY EQUIPMENT

Respiratory protection not required.

HAND PROTECTION

No specific hand protection noted, but gloves may still be advisable.

EYE PROTECTION

Wear splash-proof eye goggles to prevent any possibility of eye contact.

OTHER PROTECTION

Wear suitable protective clothing as protection against splashing or contamination.

HYGIENE MEASURES

DO NOT SMOKE IN WORK AREA! Wash at the end of each work shift and before eating, smoking and using the toilet. Wash promptly if skin becomes wet or contaminated. Promptly remove any clothing that becomes contaminated. Use appropriate skin cream to prevent drying of skin. When using do not eat, drink or smoke.

9 PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE	Liquid		
COLOUR	White		
ODOUR	Ammonia		
BOILING POINT (°C)	100	RELATIVE DENSITY	0.96- 0.99 @ 20 °c
VISCOSITY	9000- - 12000 cps @ 25 °c		

10 STABILITY AND REACTIVITY

STABILITY

Stable under normal temperature conditions.

MATERIALS TO AVOID

Copper, Brass and other heavy metals.

HAZARDOUS DECOMPOSITION PRODUCTS

Fire creates: Carbon monoxide (CO). Carbon dioxide (CO2).

11 TOXICOLOGICAL INFORMATION

INHALATION

Vapour may irritate respiratory system or lungs.

INGESTION

Nausea with risk of coagulation to form solid mass.

SKIN CONTACT

No specific health warnings noted.

EYE CONTACT

Spray and vapour in the eyes may cause irritation and smarting.

12 ECOLOGICAL INFORMATION

AL 1674

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.

MOBILITY

The product is partly soluble in water. May spread in the aquatic environment.

BIOACCUMULATION

No data available on bioaccumulation.

DEGRADABILITY

The product is expected to be slowly biodegradable.

13 DISPOSAL CONSIDERATIONS

DISPOSAL METHODS

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

14 TRANSPORT INFORMATION

GENERAL

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

No transport warning sign required.

15 REGULATORY INFORMATION

RISK PHRASES

NC Not classified.

SAFETY PHRASES

NC Not classified.

UK REGULATORY REFERENCES

The Control of Substances Hazardous to Health Regulations 1988.

EU DIRECTIVES

Dangerous Substance Directive 67/548/EEC.

STATUTORY INSTRUMENTS

Chemicals (Hazard Information and Packaging) Regulations.

APPROVED CODE OF PRACTICE

Classification and Labelling of Substances and Preparations Dangerous for Supply.

GUIDANCE NOTES

Workplace Exposure Limits EH40. CHIP for everyone HSG(108).

16 OTHER INFORMATION

INFORMATION SOURCES

Dangerous Properties of Industrial Materials Report, N.Sax et.al.

REVISION COMMENTS

NOTE: Lines within the margin indicate significant changes from the previous revision.

REVISION DATE JUNE 2009

REV. NO./REPL. SDS GENERATED 4

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.

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)Common Name: **Magic Mender (Ceramic Talc)**Cas No: **Mixture**Chemical Name: **Mixture of hydrous Calcium, Magnesium, and Aluminum silicates.**Chemical Family: **Clay Slip**Formula: **Mixture**

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name Gordon Brush Mfg. Co., Inc.	Emergency Telephone Number CHEMTREC (800) 424-9300
Address (Number, Street, City, State and ZIP Code) 6247 Randolph Street Commerce, California 90040-3514 (323) 724-7777 Fax: (323) 724-1111	Telephone Number for Information (800) 654-6279 National Response Center (800) 424-8802
	Date Prepared 5.31.90
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)

HAZARDOUS INGREDIENTS: (MIXTURES)**%****TLV**

No acute hazardous ingredients in sufficient quantity to be toxic or hazardous in liquid form. Some of the ingredients contain free silica. Prolonged inhalation in a dried form may cause delayed lung injury (Silicosis).

Section III—Physical/Chemical Characteristics

Boiling Point N.A.	Specific Gravity (H ₂ O = 1) Approx. 2
Vapor Pressure (mm Hg) N.A.	Melting Point N.A.
Vapor Density (AIR = 1) N.A.	Evaporation Rate (Butyl Acetate = 1) N.A.
Solubility in Water N.A.	
Appearance and Odor Thin brown paste.	

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	Flammable Limits	LEL N.A.	UEL N.A.
Extinguishing Media Water, fog, flood, CO₂, and dry chemical.			
Special Fire Fighting Procedures Wear self contained breathing apparatus.			
Unusual Fire and Explosion Hazards Burning product may produce hazardous fumes.			

Section V—Reactivity Data

Stability	Unstable <input type="checkbox"/>		Conditions to Avoid N.A.
	Stable <input checked="" type="checkbox"/>		

Incompatibility (Materials to Avoid) **N.A.**Hazardous Decomposition or Byproducts **Fire may produce hazardous fumes.**

Hazardous Polymerization	May Occur <input type="checkbox"/>		Conditions to Avoid N.A.
	Will Not Occur <input checked="" type="checkbox"/>		

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation: Remove to fresh air.	Skin: Wash off with water.
	Eyes: Flush with plenty of water. Get medical attention, if irritation persists.	Ingestion: Unlikely to cause outward effects.

Health Hazards (Acute and Chronic)

Acute **N.A.**Chronic Overexposure **prolonged inhalation may cause delayed lung injury**

Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
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Signs and Symptoms of Exposure

Medical Conditions

Generally Aggravated by Exposure **N.A.**

Emergency and First Aid Procedures

Section VII—Precautions for Safe Handling and UseSteps to Be Taken in Case Material Is Released or Spilled **Wipe up spill and handle as normal solid waste.**Waste Disposal Method **Dispose of according to state and local regulations.**Precautions to Be Taken in Handling and Storing **Keep container closed when not in use.**Other Precautions **Avoid generating dust/mist.****Section VII—Control Measures**Respiratory Protection (Specify Type) **Any NIOSH approved mist respirator.**

Ventilation	Local Exhaust <input type="checkbox"/>	Special N.A.
	Mechanical (General) <input checked="" type="checkbox"/>	Other N.A.

Protective Gloves None special	Eye Protection Safety glasses
---------------------------------------	--------------------------------------

Other Protective Clothing or Equipment **None special**Work/Hygienic Practices **N.A.**

The information herein is based on data considered accurate. However, no warranty is expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof.

Gordon Brush Mfg. Co., Inc. assumes no responsibility for personal injury or property damage to vendees, users or third parties caused by the material. Such vendees or users assume all risk associated with the use of material.

BATH POTTERS SUPPLIES

MATERIAL SAFETY DATA SHEET (cosh57)

1. Identification of the preparation/Supplier reference

Trade Name	Mender
Chemical name	None
Synonyms	Mender-Friend
Supplier	Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate, Radstock, Nr. Bath. BA3 4XE
Emergency numbers	Tel: 01761 411077 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	Wt %
Low toxicity dust (e.g. feldspathic And, ceramic minerals, clays etc.)		major component
Crystalline silica, quartz	14808-60-7	<50%

Products may include trace amounts of organic identification dyestuffs

3. Health Hazard Identification

As supplied in the pugged or press-cake form, the products do not present a significant health hazard.

If the product is allowed to dry, any powder product generated is hazardous to health by inhalation. Excessive and repeated inhalation of quartz over a prolonged period can cause chronic lung damage.

Product in the plastic form is not classified as dangerous for labelling purposes (UK Regs).

4. First Aid Measures

Inhalation	Remove patient to fresh air, loosen tight clothing and seek medical attention
Ingestion	Do not induce vomiting. Rinse mouth with water and give 200-300ml (half a pint) of water to drink (provided the patient is conscious)
Eyes	Irrigate with clean water for 15 minutes and seek medical assistance
Skin	Remove contaminated clothing. Wash with soap and water. Seek medical advice if any irritation persist.

5. Fire Fighting Measures

The product is not combustible or explosive. It is compatible with all standard fire-fighting techniques (e.g. use of water, carbon dioxide, dry powder, sand and chemical foam extinguishers).

6. Accidental Release Measures

Place waste in suitable container prior to disposal

Small spillage may be washed to drains with plenty of water (provided effluent consent conditions are complied with).

Refer also to sections 7 and 13

7. Handling & Storage

Handling	Wash hands/skin after use. If during processing exposure to product dust can occur, the use of local exhaust ventilation is the recommended means of complying with Occupational Exposure Limits. Refer also to section 8
Storage	Store in sealed packaging (e.g. as supplied) in normal, dry conditions to ensure loss of moisture is minimised.

8. Exposure Control/Personal protective Equipment

Engineering controls	If necessary, local exhaust ventilation should be provided to minimise inhalation (dry powder products) to comply with the Occupational Exposure Limits (MEL's, OES's) - Refer to the latest edition of HSE Guidance Note EH40
Personal protective equipment	Respiratory protection HSE approved respiratory device for dust if engineering controls do not provide adequate protection Hand/skin protection Overalls (which do not retain dust) Gloves (of skin contact is persistent) Eye protection Safety glasses or goggles (to BS2092) recommended if contact with eyes otherwise possible

9. Physical & Chemical properties

Appearance & Odour	Plastic solid (pugged sections or filter cake)
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Odour	Odourless
Solubility in water	Negligible (dry product)
Specific gravity (20°C)	Ca. 2.6 (dry product)
Explosive properties	Non-explosive
Oxidising properties	Non-oxidising
pH value	Not available
Melting point (°C)	Greater than 1000°C

10. Stability & Reactivity

Stable under normal conditions except that loss of moisture will occur on exposure to the atmosphere. Hazardous polymerisation will not occur. No hazardous decomposition products under foreseeable circumstances.

11. Toxicology Information

Acute toxicology	No specific test data available
Health effects	Chronic lung damage (silicosis) may result from repeated, excessive inhalation of crystalline silica

12. Ecological information

Ecotoxicity	No specific data available
Persistence	Products are essentially insoluble in water

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method.

Small amounts may be washed to trade effluent drains provided effluent conditions are complied with.

14. Transport Information

No special precautions are required

UN/SI No.	Not classified
CHIP classification	Not classified
Packing group	Not classified
Road	UK Not classified
	ADR Not classified
Sea	IMO Not classified
Air	ICAO Not classified

15. Regulatory information

Chemicals (Hazard Information and Packaging) regulations, (CHIP) SI 1993 No.1746
Supply hazard classification HARMFUL Xn

R-Phrases R20 harmful by inhalation

S-Phrases	R48	danger of serious damage to health by prolonged exposure
UK Occupational exposures limits	S22/23	do not breathe dust or spray
	MEL	0.3mg/ 8hr TWA

In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk

16. Other information

Please note the American Material Safety Data Sheet this sheet is derived from is available on request
Duncan MSDS#401, MSDS#101, MSDS#103, MSDS#105

References

COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
CHIP 96	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996
CHIP SDS ACOPS	HSC Approved Code of Practice for Safety data Sheets in accordance with regulation 6 of the CHIP regulations
HSE EH40	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSH regulations

BS2092 Specifications for industrial eye protectors (to be replaced by BS EN 166, 167 and 168)

HSE/HMSO Publications

Guidance note EH44	Dust in the workplace, general principles of protection
Guidance booklet HS(G) 37	An introduction to Local exhaust ventilation
Guidance Booklet HS(G) 53	Respiratory protective equipment - A practical guide for users
Personal protective equipment at work regulations, SI 1992, No. 2966	

This Data sheet revision is in accordance with the requirements of EEC Directive 91/55/EEC
Issue No. (D)

Footnote**LIABILITY**

Such information is the best of Bath Potters Supplies knowledge and belief accurate at the date of publication, which is the date generated automatically on the day of printing of this document. However, no representation, warranty of guarantee is made as to its accuracy, reliability of completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

THIRD PARTY MATERIALS

Insofar as materials not manufactured or supplied by Bath Potters Supplies are used in conjunction with, or instead of Bath Potters Supplies Ltd materials, it is the responsibility of the customer itself to obtain from the manufacturer or supplier all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Bath Potters Supplies materials in conjunctions with other materials.

17. National Legislation**UK Legislation**

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993

Environmental Protection (Duty of Care) regulations 1992 SI 2839

Carriage of Dangerous goods by Road and Rail Regulations 1994

Control of pollution Act 1974

Environmental Protection Act 1990

Highly Flammable Liquids and Petroleum Spirit Regulations 1972

EH40 Occupational Exposure Limits

SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

Important notes

Design CHIP-002

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.

26.08.21

SET FC

According to EC Regulations 1907/2006 (REACH), 1272/2008 (CLP) & EU 2015/830

1. Identification of the product and of the company / undertaking

1.1 Product Identifier

Product Name (Code)	SET FC
Trade Name	SET FC
Product Code	SET FC
CAS No.	Not applicable – mixture
EC No.	Not applicable – mixture
REACH Registration	All substances used in this mixture have been registered under REACH where required

1.2 Relevant identified uses (and uses advised against)

Identified Uses	Air setting refractory mortar for use with ceramic fibre and insulation refractory bricks.
Advised against	Not for consumer use

1.3 Details of the supplier of the Safety Data Sheet

Supplier	ULTRA
Address	SIG Trading Ltd, Adsetts House, 16 Europa View, Sheffield Business Park Sheffield S9 1XH
Telephone	+44 (0) 1704 226878
Facsimile	+44 (0) 1704 225857
email	ultraht@sigplc.co.uk

1.4 Emergency telephone number

+44 (0) 1704 226878 (09:00 – 17:00 Hrs Mon – Fri)

2. Hazards Identification

2.1.1 Classification according to Regulation (EC) No 1272/2008 (CLP)

Not classified as dangerous for supply or use according to regulation (EC) No 1272/2008

2.1.3 Additional Information

Storage life 4 months in cool dry conditions

2.2 Label elements

Pictogram(s)	None
Signal Word	None
Hazards	None
Precautions	P262 Do not get in eyes, on skin, or on clothing P305+351+314 IF IN EYES: Rinse cautiously with water for several minutes Get Medical advice/attention if you feel unwell P280 Wear protective gloves/protective clothing/eye protection/face protection
Supplemental	Not applicable

2.3 Other Hazards

During transport the product may segregate leaving a liquid layer on top.
This layer should be mixed back into the mortar before use.
Post-use removal can generate dusts.

3. Composition/information on ingredients

Hazardous Ingredient(s)	CAS No.	EC No. / REACH Registration No	% w/w	Classification EC 1272/2008	Hazard Pictogram
Chamotte	1332-58-7	310-194-1	40 - 70	Not Classified	None
Kaolinitic Clay	1332-58-7	310-194-1	10 - 30	Not Classified	None
Sodium Silicate	1344-09-8	215-687-4 01-2119448725-31-XXXX	<10	H315, H319	GHS07
Water	7732-18-5	231-791-2	>10	Not Classified	None

For full text of Hazard statements see Section 16

4. First aid measures

4.1 Description of first aid measures

general	No hazards which require special first aid measures
inhalation	Move to fresh air
skin contact	Remove contaminated clothing. Wash off with soap and plenty of water.
eye contact	Remove contact lenses where present. Keep eye wide open while rinsing
ingestion	Do not induce vomiting. Rinse mouth with water. Never give anything by mouth to an unconscious person
protection	No special measures identified

4.2 Most important symptoms and effects, both acute and delayed

general	No significant symptoms known
inhalation	May be irritation of the throat from dusts
skin contact	May be mild irritation at the site of contact
eye contact	May be irritation and redness
ingestion	May be irritation of the throat

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically

5. Firefighting measures

5.1 Extinguishing media

Suitable	Use measures suitable for surrounding environment
Unsuitable	None

5.2 Special hazards

Material is non-combustible

5.3 Advice for fire fighters

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

6. Accidental Release Measures

6.1 Personal Precautions

6.1.1 For non-emergency Personnel

Wear gloves, eye protection

6.1.2 For emergency responders

Wear gloves, eye protection

6.2 Environmental Precautions

Do not allow to enter sewers or water courses

6.3 Methods and material for containment and cleaning up

Repack into suitable containers wearing gloves and protective clothing

6.4 Reference to other sections

For personal protection see section 8.

7. Handling & Storage

7.1 Precautions for safe handling

During transport the product may segregate leaving a liquid layer on top. This layer should be mixed back into the mortar before use.
Keep cool and frost free. Use in rotation.
Steam will be generated during the first heat after application.

7.2 Conditions for safe storage, including any incompatibilities

Shelf life 4 months in cool dry conditions

7.3 Specific end use(s)

Air setting refractory mortar for use with ceramic fibre and insulation refractory bricks.

8. Exposure controls / personal protection

8.1 Control parameters for workplace

Component	Identifier (CAS/EC)	State	WEL 8h TWA (mg/m3)	WEL 8h TWA (ppm)	STEL 15m (mg/m3)	STEL 15m (ppm)
Chamotte / Kaolinitic Clay	1332-58-7	Respirable	2	-	-	-
Chamotte/ Kaolinitic Clay	1332-58-7	Inhalable	-	-	-	-

Derived No Effect Level (DNEL)

Contains no substances with listed DNEL

Predicted No Effect Concentration (PNEC)

Contains no substances with listed PNEC

8.2 Exposure controls

Engineering Controls

No specific engineering controls required in well ventilated areas

Personal Protective Equipment

Eye	Safety glasses/goggles EN 166 whilst handling
Hand	Chemical-resistant gloves EN 374. Recommended: Butyl rubber/nitrile rubber gloves (0.4 mm)
Skin and body	Long sleeved work clothing, long trousers
RPE	Not required for installation unless other conditions at installation site dictate Post-use removal use FFP3 dust mask

Environmental Controls

Do not allow product to enter sewers or water courses

9. Physical and chemical properties

9.1 Information on basic physical and chemical properties

Appearance	Liquid, mortar
Odour	None
pH	10 – 11
Relative density	2.0
Other properties not listed above	No data available

9.2 Other information

No data available

10. Stability & Reactivity

10.1 Reactivity

Stable under recommended transport or storage conditions

10.2 Chemical Stability

Stable at normal ambient temperatures and when used as recommended

10.3 Possibility of hazardous reactions

None anticipated in normal conditions of use

10.4 Conditions to avoid

Extremes of heat / cold

10.5 Incompatible materials

Strong acids, Oxidising agents

10.6 Hazardous decomposition products

No decomposition if stored and applied as directed

11. Toxicological information

Component	Route	Species	Test	Exposure	Value	Unit
No components	*	*	*	*	*	*
Acute Toxicity	Not classified - based upon available information					
Skin corrosion	Not classified - based upon available information					
Skin irritation	Not classified - based upon available information					
Serious eye damage	Not classified - based upon available information					
Eye irritation	Not classified - based upon available information					
Respiratory sensitisation	Not classified - based upon available information					
Skin sensitisation	Not classified - based upon available information					
Germ cell mutagenicity	Not classified - based upon available information					
Carcinogenicity	Not classified - based upon available information					
Reproductive toxicity	Not classified - based upon available information					
STOT – single exposure	Not classified - based upon available information					
STOT – repeated exposure	Not classified - based upon available information					
Aspiration toxicity	Not classified - based upon available information					

12. Ecological information

12.1 Toxicity

Component	Toxicity to:	Test	Exposure	Value	Unit
No components	*	*	*	*	*

No data available

12.2 Persistence and degradability

No data available

12.3 Bioaccumulative potential

No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

This mixture contains no substances considered to be either persistent, bioaccumulative and toxic (PBT), or very persistent and very bioaccumulative (vPvB) at levels of 0.1% or higher

12.6 Other adverse effects

No data available

13. Disposal considerations

13.1 Waste treatment methods

13.1.1 Product / packaging disposal

Dispose of as waste ceramics, bricks, tiles and construction products

13.1.2 Waste treatment – relevant information

Inert aggregate

13.1.3 Sewage disposal – relevant information

Avoid product entering sewer or water course

13.1.4 Other disposal recommendations

European Waste Code (EWC) 10 12 08 – waste ceramics, bricks, tiles and construction products
Post Use waste code must be separately determined based upon any process contaminants

14. Transport information

UN No.

Not classified for transport

Proper shipping name

Not classified for transport

Transport hazard class(es)

Not classified for transport

Packing group

Not classified for transport

Environmental hazards

Not classified for transport

15. Regulatory information

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

REACH candidate SVHC list

None of the substances are listed

REACH Annex XIV - authorisation

None of the substances are listed

REACH Annex XVII – restriction

None of the substances are listed

15.2 Chemical Safety Assessment

A chemical safety assessment has not been conducted for this product

16. Other information

Pictogram(s)

GHS07 – Exclamation Mark

Hazards

H315 Causes skin irritation

H319 Causes eye damage

Precautions

P262 Do not get in eyes, on skin, or on clothing

P305+351+314 IF IN EYES: Rinse cautiously with water for several minutes Get Medical advice/attention if you feel unwell

P280 Wear protective gloves/protective clothing/eye protection/face protection

Previous version 1st August 2018
Changes to previous version Supplier address

The information provided within this Safety Data Sheet is believed correct and to the best of our available knowledge as at its revision date. The information given should only be used as guidance for safe handling, use, processing, storage, transportation and disposal and should not to be considered as obligation in respect of warranty of (technical) performance, quality (specification) or suitability for any particular application.

SAFETY DATASHEET

(Following Regulations (EC) No 1907/2006 & (EC) No 1272/2008)

SDS Number: 1007 Date of first issue: 13 March 2013 Date of last revision: 29 May 2014

1 - Identification of product

Tradenames: Kaowool Hardener, Superwool Hardener,

1.1 - Identification of Product

The above mentioned product is a hardener.

1.2 - Use of Product

This product is used to produce a hard surface finish.

1.3 - Identification of Company

U.K. THERMAL CERAMICS LIMITED
 Tebay Road, Bromborough
 Wirral, Merseyside CH62 3PH
 Tel. : +44 (0) 151 334 4030
 Fax : +44 (0) 151 334 1684

www.morganthermalceramics.com
 marketing.tc@morganplc.com

EMERGENCY INFORMATION

Tel: + 44 (0) 7931 963 973
 Language: English
 Opening hours: Only available during office hours

2 - Hazard Identification

2.1 - Classification of the substance/ mixture

2.1.1 CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008

Not classified

2.1.2 CLASSIFICATION ACCORDING TO DIRECTIVE 1999/45/EC

Not classified

2.2 - Labelling Elements

Not applicable

2.3 - OTHER HAZARDS WHICH DO NOT RESULT IN CLASSIFICATION

Mild mechanical irritation to skin, eyes and upper respiratory system may result from exposure to high dust concentrations of dried product. These effects are usually temporary.

Pre-existing skin and respiratory conditions including dermatitis, asthma or chronic lung disease might be aggravated by exposure.

3 - Composition / Information On Ingredients

DESCRIPTION

This product is an inorganic liquid hardening agent.

Composition

COMPONENT	%	CAS Number	Index number	REACH Registration Number
Alumino-silicate	40-70	Not Applicable	Not Applicable	Not yet available
Alumina	< 10	EINECS No. 215-691-6	Not Applicable	Not yet available
Cement	< 40	EINECS No. 266-045-5	Not Applicable	Not yet available
Commissioning additives	< 0.5	Not Applicable	Not Applicable	Not yet available

None of the components are radioactive under the terms of European Directive Euratom 96/29.

4 - First-Aid measures

4.1 - Skin

In case of skin irritation rinse affected areas with water and wash gently. Do not rub or scratch exposed skin.

4.2 - Eyes

In case of eye contact flush abundantly with water; have eye bath available. Do not rub eyes. Seek medical attention if irritation persists.

4.3 - Nose and Throat

If these become irritated move to a dust free area, drink water and blow nose. Seek medical attention if irritation persists.

If symptoms persist, seek medical advice.

5 - Fire-fighting measures

Non-combustible products,
Packaging and surrounding materials may be combustible
Use extinguishing agent suitable for surrounding combustible materials.

6 - Accidental Release Measures

6.1 - PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES

Wear suitable goggles, gloves and protective clothing.

6.2 - ENVIRONMENTAL PRECAUTIONS

Do not flush spillage to drain and prevent from entering natural watercourses.
For waste disposal refer to section 13

6.3 - METHODS AND MATERIALS FOR CONTAINMENT AND CLEAN UP

Contain spillage, absorb in earth or sand and shovel into suitable containers

7 - Handling and storage

7.1 - PRECAUTIONS FOR SAFE HANDLING

Handling of dried product can be a source of dust emission and therefore the processes should be designed to limit the amount of handling.
Whenever possible, handling should be carried out under controlled conditions (i.e., using dust exhaust system).
Regular good housekeeping will minimise secondary dust dispersal.

7.2 - CONDITIONS FOR SAFE STORAGE

Store in original packaging in a dry area.
Avoid storage below +2°C and above +43°C.
The product has a shelf life of approximately 12 months.
Avoid damaging the packaging.

7.3 - SPECIFIC END USE

Please refer to your local Morgan Thermal Ceramics' supplier.

8 - Risk Management Measures / Exposures Controls / Personal Protection

Industrial hygiene standards and occupational exposure limits vary between countries and local jurisdictions. Check which exposure levels apply to your facility, and comply with local regulations. If no regulatory dust or other standards apply, a qualified industrial hygienist can assist with a specific workplace evaluation including recommendations for respiratory protection. Examples of exposure limits applying (in January 2010) in different countries are given below:

COUNTRY	EXPOSURE LIMIT* (Respirable Dust)	SOURCE
Germany	3 mg/m ³ or 6 mg/m ³	TRGS 900
France	5 mg/m ³	Décret 97-331 du 10 avril 1997
U.K.	4 mg/m ³	HSE - EH40

* Gravimetric concentrations of respirable dust – 8-hour time weighted average.

8.2 - EXPOSURE CONTROLS

Review your applications in order to identify potential sources of exposure. If necessary, conduct personal air monitoring. Use technical and/or organisational means to comply with regulations.

8.2.2 - Personal Protective Equipment

Skin Protection

Use of gloves and work clothes is recommended.

Eye Protection

Wear safety glasses

Respiratory Protection

Use appropriate respiratory protective equipment (RPE) if necessary.

Information and Training of workers

Workers should be informed on:

- The requirements for the use of protective equipment and clothing.

Workers should be trained on:

- The proper use of protective equipment

8.2.3 - Environmental Exposure Controls

Refer to local, national or European applicable environmental standards for release to air water and soil.

For waste, refer to section13

9 - Physical and chemical properties

APPEARANCE	White Liquid
PARTITION COEFFICIENT	Not applicable
ODOUR	None
FLAMMABILITY	Not applicable
EXPLOSIVE PROPERTIES	Not applicable
VAPOUR PRESSURE	Not applicable
pH	9.7

10 - Stability and Reactivity

10.1 - Reactivity

The material is stable and non reactive.

10.2 - Chemical Stability

The product is inorganic, stable and inert

10.3 - Possibility of Hazardous Reactions

None

10.4 - Conditions to Avoid

Please refer to handling and storage advice in Section 7

10.5 - Incompatible Materials

None

10.6 - Hazardous decomposition products

Upon heating above 900°C for sustained periods, this amorphous material begins to transform to mixtures of crystalline phases. For further information please refer to Section 16.

11 - Toxicological information

11.1 - TOXICOKINETICS, METABOLISM AND DISTRIBUTION

11.1.1 BASIC TOXICOKINETICS

Exposure is not expected during normal use due to nature of the products, exposure during removal may be possible, predominantly by inhalation or ingestion, available toxicological information is as follows:

11.1.2 HUMAN TOXICOLOGICAL DATA

No human data available

11.2 - INFORMATION ON TOXICOLOGICAL EFFECTS

ACUTE TOXICITY

Lethal dose 50 % (LD50) / lethal concentration 50% (LC50): N.A.

CHRONIC TOXICITY

No effects reported

12 - Ecological information

These products are inert materials that remain stable overtime.
No adverse effects of this material on the environment are anticipated.

13 - Disposal Considerations

WASTE TREATMENT

Waste from these materials may be generally disposed off at a landfill, which has been licensed for this purpose. Please refer to the European list (Decision N° 2000/532/CE as modified) to identify your appropriate waste number, and ensure national and/or regional regulations are complied with.

Unless wetted, such a waste is normally dusty and so should be properly sealed in containers for disposal. At some authorised disposal sites, dusty waste may be treated differently in order to ensure they are dealt with promptly to avoid them being windblown. Check for any national and/or regional regulations, which may apply.

Additional information

When disposing of waste and assigning European Waste Code (EWC) any possible contamination during use will need to be considered and expert guidance sought as necessary.

14 - Transport information

Not classified as dangerous goods under relevant international transport regulations (ADR, RID, IATA, IMDG, ADN).

Definitions:

ADR Transport by road, council directive 94/55/EC

IMDG Regulations relating to transport by sea

RID Transport by rail, Council Directive 96/49/EC

ICAO/IATA Regulations relating to transport by air

ADN European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

15 - Regulatory information

SAFETY HEALTH AND ENVIRONMENT REGULATIONS/LEGISLATION SPECIFIC FOR THE SUBSTANCES OR MIXTURES

EU regulations:

- Council Directive 67/548/EEC "on the approximation of the laws, regulations and administrative provisions relating to the classification, packaging and labelling of dangerous substances as modified and adapted to the technical progress" (OJEC L 196 of 16 August 1967, p.1 and its modifications and adaptations to technical progress).
- Council Directive 1999/45/EC of 31 May 1999 concerning the approximation of the laws, regulations and administrative provisions of the Member States relating to the classification, packaging and labelling of dangerous preparations (OJ L 200 of 30.7.1999)
- Regulation (EC) No 1907/2006 dated 18th December 2006 on Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No 1272/2008 dated 20th January 2009 on classification, labelling and packaging of substances and mixtures (OJ L 353)
- Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC (OJEC of 13 December 1997, L 343).
- Commission regulation (EC) No 790/2009 of 10 August 2009 amending, for the purposes of its adaptation to technical and scientific progress, Regulation (EC) No 1272/2008 of the European Parliament and of the Council on classification, labelling and packaging of substances and mixtures.
- The 1st Adaptation to Technical Progress (ATP) to Regulation (EC) No 1272/2008 enters into force on 25 September 2009. It transfers the 30th and 31st ATPs of Directive 67/548/EEC to the Regulation (EC) No 1272/2008.

PROTECTION OF WORKERS

Shall be in accordance with several European Directives as amended and their implementations by the Member States:

- a) Council Directive 89/391/EEC dated 12 June 1989 "on the introduction of measures to encourage improvements in the safety and health of workers at work" (OJEC (Official Journal of the European Community) L 183 of 29 June 1989, p.1).
- b) Council Directive 98/24/EC dated 7 April 1998 "on the protection of workers from the risks related to chemical agents at work" (OJEC L 131 of 5 May 1998, p.11).

OTHER POSSIBLE REGULATIONS

Member States are in charge of implementing European Directives into their own national regulation within a period of time normally given in the Directive. Member States may impose more stringent requirements. Please always refer to any national regulation.

Chemical Safety Reports have been requested from suppliers, as soon as this information is available it will be shared with downstream users.

16 - Other Information

useful references

(the directives which are cited must be considered in their amended version)

- Council Directive 89/391/EEC dated 12 June 1989 "on the introduction of measures to encourage improvements in the safety and health of workers at work" (OJEC L 183 of 29 June 1989, p.1).
- Regulation (EC) No 1907/2006 dated 18th December 2006 on registration, Evaluation, Authorisation and Restriction of Chemicals (REACH)
- Regulation (EC) No 1272/2008 dated 20th January 2009 on classification, labelling and packaging of substances and mixtures (OJ L 353)
- Commission Directive 97/69/EC of 5 December 1997 adapting to technical progress for the 23rd time Council Directive 67/548/EEC (OJEC of 13 December 1997, L 343).
- Council Directive 98/24/EC of 7 April 1998 "on the protection of the health and safety of workers from the risks related to chemical agents at work" (OJEC L 131 of 5 May 1998, p11).

precautionary measures

Additional information and precautions to be considered upon removal of after service material

Continuous use of these products at temperatures above 900°C may, as with many other refractories, lead to the formation of cristobalite (a type of crystalline silica).

Please refer to sections 2, 11 and to national regulation on crystalline silica.

High concentrations of dusts may be generated when after-service products are mechanically disturbed during operations such as wrecking. Therefore Morgan Thermal Ceramics recommends:

- a) control measures are taken to reduce dust emissions;
- b) all personnel directly involved wear an appropriate respirator to minimise exposure; and
- c) Compliance with local regulatory limits.

website

For more information connect to:

The Morgan Thermal Ceramics' website: (<http://www.morganthermalceramics.com/>)

Or the ECFIA's website: (<http://www.ecfia.eu>)

Or Deutsche KeramikFaser-Gesellschaft e.V' website: (<http://www.dkfg.de/>)

technical data sheets

For more information on individual products please see the relevant technical data sheet listed below:

Product Datasheet Code

Other Information

NOTICE:

The information presented herein is based on data considered to be accurate as of the date of preparation of this Material Safety Data Sheet. However safe as provided by law, no warranty or representation, express or implied, is made as to the accuracy or completeness of the foregoing data and safety information, nor is any authorisation given or implied to practice any patented invention without a licence. In addition, no responsibility can be assumed by the vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product (however, this shall not act to restrict the vendor's potential liability for negligence or under statute).

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name **Sodium Silicate 75tw**
Chemical name $\text{SiO}_2/\text{Na}_2\text{O}$
Synonyms Also known as; Grade M75, Silicate of Soda, Water Glass.
Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
Radstock, Nr. Bath. BA3 4XE
Emergency numbers Tel: 01761 411077
E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
Sodium Silicate	1344-09-8	N/A	97.5%

3. Health Hazard Identification

Inhalation Strong alkaline liquid, inhalation is unlikely but if occurs will cause chemical burns. Inhalation of mists will cause irritation to the respiratory tract.
Ingestion If ingestion occurs it will cause chemical burns in the mouth and throat, inability to swallow, and irritation of the gastro intestinal tract with nausea and vomiting. The damage will be greater with hot solutions.
Eyes Severe irritant causing chemical burns with physical irritation and inflammation, which may cause corneal damage.
Skin Will cause chemical burns with physical irritation such as reddening, inflammation and dryness.

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion Wash mouth out with water and give copious quantities of water or milk to drink. Do not induce vomiting, and obtain immediate medical attention.
Eyes Speed is essential. The eye should be thoroughly irrigated for not less than 20 minutes with clean water. This prolonged irrigation is of extreme importance and must be done at once otherwise permanent damage will result. Seek medical attention immediately.
Skin Remove contaminated clothing and wash affected areas with copious amounts of water until no soapy feeling remains. If symptoms develop seek medical attention.

5. Fire Fighting Measures

Extinguishing Media Suitable for surrounding fire conditions
The product is not explosive or combustible. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard None
Protective equipment None other than required for surrounding fire conditions

6. Accidental Release Measures

Leaks & Spills Wash down spills of liquor with copious quantities of water. Remove dry materials either by a vacuum cleaner fitted with an efficient particulate filter or by damping down and scooping in to a receptacle.
Protective equipment Wear suitable gloves and eye/face protection and respiratory protective equipment required for dry or liquid spills.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Avoid contact with skin and eyes. Atmospheric levels of mist should be maintained at the lowest level reasonably practicable. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Should be stored in closed steel or other suitable vessels, which prevent free circulation of air over the surface of the silicate. Drums must be kept closed when not in use. If not exposed to the atmosphere obelisk solutions will keep indefinitely. They should not be packed in containers which may be attacked by or which absorb moisture from the solution. Contact with wood will cause discolouration. All grades absorb carbon dioxide on exposure to the atmosphere and the higher ratio grades also lose water resulting in the formulation of a gel, the solution first becoming cloudy and eventually turning solid. Dilute solutions may be frozen and at low temperatures ice crystals separate and rise to the surface. The solutions may be reconstituted by warming and agitating with no change in properties. The more viscous grades should be stored in a warm building before use to facilitate handling.

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded, although Sodium Silicate is not listed. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective PVC gloves and safety spectacles are recommended for handling. When using hot solutions, the use of a full-face shield is recommended.

9. Physical & Chemical properties

Appearance & Odour	Water white viscous solution
Flash point (°C)	Not applicable
Flammability	Not flammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Varies from 1.35 to 1.7 depending on ratio
pH value	Not known
Boiling point (°C)	101°C - 105°C depending on ratio. Freezing point = 0°C – 4°C

10. Stability & Reactivity

Chemical stability	The material is stable when storage conditions are adhered to.
Conditions/materials to avoid	Solutions will react with new surfaces of aluminium, zinc and their alloy to evolve hydrogen.
Hazardous decomposition products	Not applicable
Hazardous polymerisation products	None known

11. Toxicology Information

Acute toxicology	LD ₅₀ Oral Not known LD ₅₀ Dermal Not known LD ₅₀ Inhalation Not known
Health effects	Severe irritant causing chemical burns with physical irritation and inflammation, which may cause corneal damage to the eyes. If ingestion occurs it will cause chemical burns in the mouth and throat, inability to swallow, and irritation of the gastro intestinal tract with nausea and vomiting. The damage will be greater with hot solutions.

12. Ecological information

Ecotoxicity This product is soluble in water.
Persistence Decomposition is likely.

13. **Disposal**

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method in an appropriate container.

14. **Transport Information**

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		A voluntary label can be used reading 'splashes can damage the eyes'.
Sea	IMO	Not classified
Air	ICAO	Not classified

15. **Regulatory information**

EC Supply Labelling	Harmful X _n
R-Phrases	R41 Risk of serious eye damage. R38 Irritating to the skin.
S-Phrases	S2 Keep out of reach of children S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. Optional for dusty residue of dry product: S20/21 When using do not eat, drink or smoke. S38 In case of insufficient ventilation wear suitable respiratory equipment.
UK Occupational exposures limits*	Mg/m ³ 8 hr TWA % in product
Unclassified	Treat as a hazardous dust

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

16. **Other information**

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

26.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name **Sodium Silicate 140tw**
Chemical name $\text{SiO}_2/\text{Na}_2\text{O}$
Synonyms Also known as; Grade C140, Silicate of Soda, Water Glass.
Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
 Radstock, Nr. Bath. BA3 4XE
Emergency numbers Tel: 01761 411077
 E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
Sodium Silicate	1344-09-8	N/A	97.5%

3. Health Hazard Identification

Inhalation Strong alkaline liquid, inhalation is unlikely but if occurs will cause chemical burns. Inhalation of mists will cause irritation to the respiratory tract.
Ingestion If ingestion occurs it will cause chemical burns in the mouth and throat, inability to swallow, and irritation of the gastro intestinal tract with nausea and vomiting. The damage will be greater with hot solutions.
Eyes Sever irritant causing chemical burns with physical irritation and inflammation, which may cause corneal damage.
Skin Will cause chemical burns with physical irritation such as reddening, inflammation and dryness.

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention.
Ingestion Wash mouth out with water and give copious quantities of water or milk to drink. Do not induce vomiting, and obtain immediate medical attention.
Eyes Speed is essential. The eye should be thoroughly irrigated for not less than 20 minutes with clean water. This prolonged irrigation is of extreme importance and must be done at once otherwise permanent damage will result. Seek medical attention immediately.
Skin Remove contaminated clothing and wash affected areas with copious amounts of water until no soapy feeling remains. If symptoms develop seek medical attention.

5. Fire Fighting Measures

Extinguishing Media Suitable for surrounding fire conditions
 The product is not explosive or combustible. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.
Special Exposure hazard None
Protective equipment None other than required for surrounding fire conditions

6. Accidental Release Measures

Leaks & Spills Wash down spills of liquor with copious quantities of water. Remove dry materials either by a vacuum cleaner fitted with an efficient particulate filter or by damping down and scooping in to a receptacle.
Protective equipment Wear suitable gloves and eye/face protection and respiratory protective equipment required for dry or liquid spills.

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Avoid contact with skin and eyes. Atmospheric levels of mist should be maintained at the lowest level reasonably practicable. Local exhaust ventilation is recommended to comply with occupational exposure limits (refer to Guidance Note EH40 - latest edition)
Storage	Should be stored in closed steel or other suitable vessels, which prevent free circulation of air over the surface of the silicate. Drums must be kept closed when not in use. If not exposed to the atmosphere obelisk solutions will keep indefinitely. They should not be packed in containers which may be attacked by or which absorb moisture from the solution. Contact with wood will cause discolouration. All grades absorb carbon dioxide on exposure to the atmosphere and the higher ratio grades also lose water resulting in the formulation of a gel, the solution first becoming cloudy and eventually turning solid. Dilute solutions may be frozen and at low temperatures ice crystals separate and rise to the surface. The solutions may be reconstituted by warming and agitating with no change in properties. The more viscous grades should be stored in a warm building before use to facilitate handling.

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded, although Sodium Silicate is not listed. Local Exhaust Ventilation is normally recommended
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective PVC gloves and safety spectacles are recommended for handling. When using hot solutions, the use of a full-face shield is recommended.

9. Physical & Chemical properties

Appearance & Odour	Water white viscous solution
Flash point (°C)	Not applicable
Flammability	Not flammable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	Varies from 1.35 to 1.7 depending on ratio
pH value	Not known
Boiling point (°C)	101°C - 105°C depending on ratio. Freezing point = 0°C – 4°C

10. Stability & Reactivity

Chemical stability	The material is stable when storage conditions are adhered to.
Conditions/materials to avoid	Solutions will react with new surfaces of aluminium, zinc and their alloy to evolve hydrogen.
Hazardous decomposition products	Not applicable
Hazardous polymerisation products	None known

11. Toxicology Information

Acute toxicology	LD ₅₀ Oral Not known LD ₅₀ Dermal Not known LD ₅₀ Inhalation Not known
Health effects	Sever irritant causing chemical burns with physical irritation and inflammation, which may cause corneal damage to the eyes. If ingestion occurs it will cause chemical burns in the mouth and throat, inability to swallow, and irritation of the gastro intestinal tract with nausea and vomiting. The damage will be greater with hot solutions.

12. Ecological information

Ecotoxicity This product is soluble in water.
Persistence Decomposition is likely.

13. **Disposal**

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980). Landfill is the most appropriate method in an appropriate container.

14. **Transport Information**

UN/SI No.		Not classified
UN Class		Not classified
Packing group		Not classified
Road	UK	Not classified
ADR		A voluntary label can be used reading 'splashes can damage the eyes'.
Sea	IMO	Not classified
Air	ICAO	Not classified

15. **Regulatory information**

EC Supply Labelling	Harmful X _n
R-Phrases	R41 Risk of serious eye damage. R38 Irritating to the skin.
S-Phrases	S2 Keep out of reach of children S26 In case of contact with eyes, rinse immediately with plenty of water and seek medical advice. S37/39 Wear suitable gloves and eye/face protection. Optional for dusty residue of dry product: S20/21 When using do not eat, drink or smoke. S38 In case of insufficient ventilation wear suitable respiratory equipment.
UK Occupational exposures limits*	Mg/m ³ 8 hr TWA % in product
Unclassified	Treat as a hazardous dust

* Refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

16. **Other information**

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

26.08.21



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

1.1. Product identifier

Product name: **SOFT SOAP**

REACH registered number(s): REACH EXEMPT ACCORDING TO ANNEX V

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

Use of substance / mixture: SOFT SOAP

Company name: Industrial Plasters Ltd
63 Netherstreet
Bromham
Chippenham
Wiltshire
SN15 2DP

Tel: +44(0) 1380 850616

Email: info@industriaplasters.com

1.4. Emergency telephone number

Emergency Tel: 24hr Transport Emerg. Info +44(0) 1380 850616

Section 2: Hazards identification

2.1. Classification of the substance or mixture

2.2. Label elements

Classification under CLP: This product has no classification under CLP.

Label elements: This product has no label elements.

2.3. Other hazards

Section 3: Composition/information on ingredients

3.2. Mixtures

PBT: This product is not identified as a PBT/vPvB substance.

Contains: Does not contain substances classified as hazardous

Section 4: First aid measures

4.1. Description of first aid measures

Skin contact: Wash immediately with plenty of soap and water. Consult a doctor if irritation occurs

Eye contact: Bathe the eye with running water for 15 minutes. Consult a doctor if irritation develops

Ingestion: Wash out mouth with water.

Inhalation: Consult a doctor

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



Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

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

Section 5: Fire-fighting measures

5.1. Extinguishing media

Immediate / special treatment: Not applicable.

Extinguishing media: Suitable extinguishing media for the surrounding fire should be used.

5.2. Special hazards arising from the substance or mixture

5.3. Advice for fire-fighters

Exposure hazards: In combustion emits toxic fumes of carbon dioxide / carbon monoxide.

Advice for fire-fighters: Wear self-contained breathing apparatus. Wear protective clothing to prevent contact with skin and eyes.

Section 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions: Refer to section 8 of SDS for personal protection details.

6.2. Environmental precautions

6.3. Methods and material for containment and cleaning up

Environmental precautions: Do not discharge into drains or rivers.

Clean-up procedures: Wash the spillage site with large amounts of water.

6.4. Reference to other sections

Section 7: Handling and storage

7.1. Precautions for safe handling

Reference to other sections: Refer to section 8 of SDS.

Handling requirements: Avoid the formation or spread of dust in the air.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: Store in a cool, well ventilated area.

Suitable packaging: Polyethylene. Stainless steel. Do not use aluminium containers.

7.3. Specific end use(s)

Section 8: Exposure controls/personal protection

8.1. Control parameters

Specific end use(s): No data available.



Workplace exposure limits: No data available.

DNEL/PNEC Values

8.2. Exposure controls

DNEL / PNEC No data available.

Respiratory protection: Respiratory protective device with particle filter.

Hand protection: Protective gloves.

Eye protection: Safety glasses. Ensure eye bath is to hand.

Skin protection: Protective clothing.

Section 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

State: Paste

Colour: Yellow-brown

Odour: Barely perceptible odour

Solubility in water: Soluble

Also soluble in: Ethanol. Methanol.

Viscosity: Viscous

Melting point/range°C: ca. 0

Relative density: ca. 1.02

9.2. Other information

Section 10: Stability and reactivity

10.1. Reactivity

Other information: No data available.

Reactivity: Stable under recommended transport or storage conditions.

10.2. Chemical stability

10.3. Possibility of hazardous reactions

Chemical stability: Stable under normal conditions.

Hazardous reactions: Hazardous reactions will not occur under normal transport or storage conditions.

Decomposition may occur on exposure to conditions or materials listed below.

10.4. Conditions to avoid

Conditions to avoid: Heat.

10.5. Incompatible materials

10.6. Hazardous decomposition products

Materials to avoid: Strong oxidising agents. Strong acids.

Haz. decomp. products: In combustion emits toxic fumes.

Section 11: Toxicological information

11.1. Information on toxicological effects



Toxicity values: No data available.

Symptoms / routes of exposure

Skin contact: There may be mild irritation at the site of contact.

Eye contact: There may be irritation and redness.

Ingestion: There may be irritation of the throat.

Inhalation: There may be irritation of the throat with a feeling of tightness in the chest.

Section 12: Ecological information

12.1. Toxicity

12.2. Persistence and degradability

Ecotoxicity values: No data available.

Persistence and degradability: Biodegradable.

12.3. Bioaccumulative potential

12.4. Mobility in soil

12.5. Results of PBT and vPvB assessment

Bioaccumulative potential: No bioaccumulation potential.

PBT identification: This product is not identified as a PBT/vPvB substance.

12.6. Other adverse effects

Section 13: Disposal considerations

13.1. Waste treatment methods

Other adverse effects: Negligible ecotoxicity.

Disposal operations: Transfer to a suitable container and arrange for collection by specialised disposal company.

Disposal of packaging: May be reused following decontamination.

NB: The user's attention is drawn to the possible existence of regional or national regulations regarding disposal.

Section 14: Transport information

Transport class: This product does not require a classification for transport.

Section 15: Regulatory information

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

15.2. Chemical Safety Assessment

Chemical safety assessment: A chemical safety assessment has not been carried out for the substance or the mixture by the supplier.

Section 16: Other information

Other information



**Industrial
Plasters**
Proven Reliability

**SAFETY DATA SHEET
SOFT SOAP**

Other information: This safety data sheet is prepared in accordance with Commission Regulation (EU) No 2015/830.

* indicates text in the SDS which has changed since the last revision.

Nature of Revision - Reach Regulations

Legal disclaimer: The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. This company shall not be held liable for any damage resulting from handling or from contact with the above product

Industrial Plasters Ltd
63 Netherstreet, Bromham, Chippenham, Wiltshire, SN15 2DP
Tel. 01380 850616 Fax. 01380 859638 Email.info@industrialplasters.com

SPECTRUM GLAZES EU SAFETY DATA SHEET

according to Regulation (EC) No. 1907/2006

SPECTRUM brushing glaze

Product Code 10xx

Revision date: 15.12.2015

Version: 1

Date of print: 15.12.2015

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

1.1 Product identifier

SPECTRUM brushing glaze base or additive

This safety data sheet pertains to the following products:

1050,1060,1070,1071,1072,1074

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

Glaze coating of ceramic products.

1.3 Details of the supplier of the safety data sheet

Spectrum Glazes Inc.

273 Bowes Road, Unit A1

Concord, Ontario L4K 1H8

Canada

Telephone: +1 (905) 695-9355

Fax +1 (905) 695-8354

E-mail: info@spectrumglazes.com

Internet: www.spectrumglazes.com

Contact person: Mr. Arnfield

E-mail: info@spectrumglazes.com

1.4 Emergency telephone number

Telephone: +1 (905) 695-9355

Only available during office hours.

SECTION 2: Hazards identification

2.1 Classification of the substance or mixture

Classification according to EC regulation 1272/2008 (CLP)

This mixture is classified as not hazardous.

Classification according to Directive 67/548/EEC or 1999/45/EC

This preparation is classified as not hazardous.

2.2 Label elements

Labelling (CLP)

Hazard statements: not applicable

Safety precautions: not applicable

Labelling (67/548/EEC or 1999/45/EC)

R phrase(s): not applicable

S phrase(s): not applicable

SECTION 3: Composition / information on ingredients

3.1 Substances: not applicable

3.2 Mixtures

Chemical characterization: Water based mixture of frits (silicate glasses), minerals, clays and suspenders. No hazardous ingredients.

SECTION 4: First aid measures

4.1 Description of first aid measures

After skin contact: Wash off immediately with plenty of soap and water.

After eye contact: Wash out eyes immediately for several minutes with plenty of clean water.

After ingestion: Rinse mouth with water. If you feel unwell seek medical treatment.

4.2 Most important symptoms and effects, both acute and delayed

no data available

4.3 Indication of any immediate medical attention and special treatment needed

Treat symptomatically.

SECTION 5: Firefighting measures

5.1 Extinguishing media

Suitable extinguishing media: Product is non-combustible. Extinguishing materials should therefore be selected according to the surrounding fire.

5.2 Special hazards arising from the substance or mixture

In the case of strong heating, such as fire, carbon monoxide and carbon dioxide may be released.

5.3 Advice for firefighters

Special protective equipment for firefighters: Wear a self-contained breathing apparatus.

Additional information: Hazchem-Code: Do not allow extinguishing media to penetrate into surface or ground water.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear suitable personal protective equipment. Avoid contact with skin and eyes. Avoid dust formation.

6.2 Environmental precautions

Do not allow material to penetrate into soil, water bodies or drainage systems.

6.3 Methods and material for containment and cleaning up

Clean/scoop up spills immediately, and then place in appropriate containers for disposal.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Advices on safe handling: While using this product do not eat, drink or smoke. Wash hands before breaks and immediately after using the product. Avoid contact with skin and eyes. Avoid the formation of dust in the atmosphere. Do not breathe dust. Ensure good ventilation of the work area. Do not leave children unattended while using the product. Ensure that kiln gases emitted during firing are vented directly to the outside, if possible.

7.2 Conditions for safe storage, including any incompatibilities

Requirements for storerooms and containers: Keep container tightly closed. Store out of the reach of children. Store at room temperature and not in direct sunlight. Protect from freezing. Product is a non-combustible liquid.

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

Additional information: Contains no substances with occupational exposure limit values.

8.2 Exposure controls

When using this product, a well-functioning exhaust ventilation of the furnace gases and ample ventilation of the workrooms are recommended.

Occupational exposure controls

Hand protection: If necessary, wear protective gloves, such as nitrile.

Eye protection: In case of splashes or airborne dusts wear protective goggles.

General protection and hygiene measures: Wash hands before breaks and immediately after using the product. When using do not eat, drink or smoke.

SECTION 9: Physical and chemical properties

9.1 Information on basic physical and chemical properties

Physical state: Liquid

Colour: Various colours

Odour: Almost odourless

Odour threshold: no data available

pH value: 8-10

Melting point/melting range: no data available

Boiling temperature/boiling range: no data available

Flash point/flash point range: no data available

Vapourisation rate: no data available

Flammability: no data available

Explosive properties: no data available

Explosion limits: no data available

Vapour pressure: no data available

Vapour density: no data available

Density: no data available

Water solubility: dispersible

Partition coefficient n-octanol/water: no data available

Autoflammability: no data available

Thermal decomposition: no data available

Viscosity, dynamic: no data available

Explosive properties: no data available

Oxidizing characteristics: no data available

9.2 Other information

Additional information: no data availab

SECTION 10: Stability and reactivity

10.1 Reactivity

No dangerous reactions are known.

10.2 Chemical stability

Product is stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No dangerous reactions are known.

10.4 Conditions to avoid

Avoid extremes of temperature and dusty conditions.

10.5 Incompatible materials

No data available

10.6 Hazardous decomposition products

In the case of strong heating, such as fire, carbon monoxide and carbon dioxide may be released.

Thermal decomposition: No data available

SECTION 11: Toxicological information

11.1 Information on toxicological effects

Toxicological effects: Acute toxicity (oral): Lack of data.

Acute toxicity (dermal): Lack of data.

Acute toxicity (inhalative): Lack of data.

Skin corrosion/irritation: Lack of data.

Eye damage/irritation: Lack of data.

Sensitisation to the respiratory tract: Lack of data.

Skin sensitisation: Lack of data.

Germ cell mutagenicity/Genotoxicity: Lack of data.

Carcinogenicity: Lack of data.

Reproductive toxicity: Lack of data.

Effects on or via lactation: Lack of data.

Specific target organ toxicity (single exposure): Lack of data.

Specific target organ toxicity (repeated exposure): Lack of data.

Aspiration hazard: Lack of data.

General remarks

The product is harmless by proper handling and according to the terms of application.

SECTION 12: Ecological information

12.1 Toxicity

Water Hazard Class: 1 = Slightly hazardous to water.

12.2. Persistence and degradability

Further details: Due to its low solubility in water the product can be almost completely mechanically separated in sewage treatment plants.

12.3 Bioaccumulative potential

Partition coefficient n-octanol/water:: No data available

12.4 Mobility in soil

No data available

12.5 Results of PBT and vPvB assessment

No data available

12.6 Other adverse effects

General information: Do not allow to enter into ground-water, surface water or drains.

SPECTRUM GLAZES **EU SAFETY DATA SHEET**

according to Regulation (EC) No. 1907/2006

SECTION 13: Disposal considerations

13.1 Waste treatment methods

Product:: Aqueous suspension containing ceramic materials

Recommendation: Dispose of waste according to applicable legislation.

Contaminated packaging: Emptied containers can be disposed of with domestic waste.

SECTION 14: Transport information

14.6 Special precautions for user

Not a hazardous material with respect to transport regulations.

SECTION 15: Regulatory information

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

National regulatory information

Water contaminating class (D) - not water contaminating.

SECTION 16: Other information

Further information

The information in this data sheet has been established to our best knowledge and was up-to-date at time of issuance.

The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered as a warranty or quality specification. The information relates only to the specific materials designated and may not be valid for such materials used in combination with any other materials or in any process, unless specified in the text.

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

1. Identification of the preparation/Supplier reference

Trade Name **Universal Medium – B164**

Chemical name Water based universal medium.

Synonyms None.

Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
Radstock, Nr. Bath. BA3 4XE

Emergency numbers Tel: 01761 411077
E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
Water	7732-18-5	N/A	Unknown
Gum	9000-01-5	N/A	Unknown

3. Health Hazard Identification

Inhalation This product is water-based and is not a health risk on inhalation.

Ingestion Product of low toxicity and presents little risk to health on ingestion.

Eyes Not an irritant

Skin Not an irritant.

4. First Aid Measures

Inhalation No requirements

Ingestion Do not induce vomiting, rinse mouth with water and seek medical advice.

Eyes Wash immediately with copious amounts of water. Seek medical attention if irritation persists.

Skin Wash affected areas with water. If irritation persists, seek medical attention

5. Fire Fighting Measures

Extinguishing Media Suitable for surrounding fire conditions.
The product is not explosive or combustible. Standard fire fighting techniques only are required, i.e. water, sand, carbon dioxide, chemical foam extinguishers etc.

Special Exposure hazard None.

Protective equipment None other than required for surrounding fire conditions.

6. Accidental Release Measures

Leaks & Spills Flush contaminated area with plenty of water.

Protective equipment None.

7. Handling & Storage

Handling Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material

Storage Protect from frost.

8. Exposure Control/Personal protective Equipment

Engineering controls	No requirements
Personal protective equipment	No requirements

9. Physical & Chemical properties

Appearance & Odour	Brown odourless liquid.
Flash point (°C)	Not applicable
Flammability	None hazardous
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	N/A
pH value	N/A
Melting point (°C)	Not available

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	None known
Hazardous decomposition products	None known
Hazardous polymerisation products	None

11. Toxicology Information

Acute toxicology	LD ₅₀ Oral	Not known
	LD ₅₀ Dermal	Not known
	LD ₅₀ Inhalation	Not known
Health effects	As for section 3.	

12. Ecological information

Ecotoxicity	Not known.
Persistence	Not known.

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1996).

14. Transport Information

UN/SI No.	Not classified	
UN Class	Not classified	
Packing group	Not classified	
Road	UK	Not classified
ADR	Not classified	
Sea	IMO	Not classified
Air	ICAO	Not classified

15. Regulatory information

EC Supply Labelling	None required by directive 88/379/EEC and subsequent amendments.	
R-Phrases	None	
S-Phrases	None	
UK Occupational exposures limits*	Mg/m ³ 8 hr TWA	% in product
Not applicable	N/A	

* refer to HSE Guidance note EH40

In accordance with the H.S.E. Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk.

16. Other information

General industrial hygiene practices are recommended when handling and using this product.

COSHH ACOP:	H.S.C. Approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994.
CHIP 96:	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996.
CHIP SDS ACOP:	H.S.C. Approved Code of Practice for Safety Data Sheets in accordance with regulation 6 of the CHIP regulations.
HSE EH40:	HSE Guidance note EH40 on Occupational Exposure Limits, to be used in conjunction with the COSHH regulations.

The information contained in this safety data sheet has been prepared using the best available information. However, in view of technical developments this may alter.

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Due to the many factors outside our control when using this product we cannot accept liability for any injury, accident, loss or damage caused through its use.

26.08.21

Bath Potters' Supplies

MATERIAL SAFETY DATA SHEET

(cosh56)

1. Identification of the preparation/Supplier reference

Trade Name **Wax Emulsion Resist**

Chemical name Petroleum emulsion

Synonyms None

Supplier Bath Potters Supplies, Unit 18, Fourth Avenue, Westfield Trading Estate,
Radstock, Nr. Bath. BA3 4XE

Emergency numbers Tel: 01761 411077
E-mail: sales@bathpotters.co.uk

2. Composition

Component	CAS	EINECS	% of composition
Formaldehyde	50-00-0	--	<1

3. Health Hazard Identification

Inhalation Excessive exposure may cause symptoms of chronic lung disease

Ingestion The product is of low solubility in body fluids and it is likely to be of low toxicity

Eyes May cause physical irritation and inflammation

Skin May cause physical irritation and inflammation

4. First Aid Measures

Inhalation Remove patient to fresh air, loosen tight clothing and seek medical attention

Ingestion Not expected to be a problem. However, if greater than 0.5 litre is ingested, or if
feeling uncomfortable, give one to two glasses of water. Do not induce vomiting.
Seek medical attention

Eyes Wash immediately with copious amounts of water. If irritation occurs, seek
medical advice

Skin Wash affected areas with soap and water

5. Fire Fighting Measures

Extinguishing Media Carbon dioxide, foam, dry powder and water fog

Special Exposure hazard Wax will burn if water evaporates from emulsion. May generate irritating
vapours, carbon monoxide and paraffin fumes

Personal protective
equipment Self contained breathing apparatus

6. Accidental Release Measures

Leaks & Spills Contain and absorb on fire retardant treated sawdust, diatomaceous earth,
etc, then scoop into a suitable receptacle

Personal protective
equipment Respiratory and eye protective equipment. Also, overalls and gloves

7. Handling & Storage

Handling	Do not eat, drink, or smoke in areas where the material is used. Wash thoroughly after handling the material
Storage	Store above 4°C. Keep from freezing

8. Exposure Control/Personal protective Equipment

Engineering controls	Adequate ventilation should be provided so that Occupational Exposure Limits are not exceeded. Local Exhaust Ventilation is normally recommended.
Personal protective equipment	Where LEV is not practicable and exposure is likely to be excessive, approved respiratory protection to CEN standards prEN 140, 141, 143 or 149 should be worn. Protective gloves and overalls are recommended for prolonged contact.

9. Physical & Chemical properties

Appearance & Odour	Creamy milk white, bland odour
Flash point (°C)	Not applicable
Flammability	Not applicable
Explosive properties	Non-explosive
Oxidising properties	None
Specific gravity	0.95
PH value	8.5
Melting point (°C)	>0°C

10. Stability & Reactivity

Chemical stability	The material is stable
Conditions/materials to avoid	Heat produces dehydration, freezing temperatures, strong oxidisers
Hazardous decomposition products	Carbon monoxide and paraffin fumes
Hazardous polymerization products	None

11. Toxicology Information

Acute toxicology	LD50 Oral	>2000mg/kg
	LD50 dermal	>2000mg/kg
	LD50 inhalation	not known
Health effects	Refer to section 3	

12. Ecological information

Ecotoxicity	Not known
Persistence	Not known

13. Disposal

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1980).

14. Transport Information

UN/SI No.		Not restricted
UN Class		Not restricted
Packing group		Not restricted
Road	UK	Not restricted
	ADR	Not restricted
Sea	IMO	Not restricted
Air	ICAO	Not restricted

15. Regulatory information

EC Supply Labelling	Non hazardous		
R-Phrases	None		
S-Phrases	S20/21 when using do not eat, drink or smoke		
UK Occupational exposures limits*	Mg/m ³	8 hr TWA	% in product

* refer to HSE Guidance note EH40

In accordance with HSE Approved Code of Practice for CHIP, the recipient is reminded of their obligations under both the Health and Safety at Work Act (HSWA) and the Control of Substances Hazardous to Health Regulations (COSHH), and that the information in any safety data sheet does not constitute the user's assessment of workplace risk

16. Other information

References

COSHH ACOP	HSC approved Code of Practice for the Control of Substances Hazardous to Health Regulations 1994
CHIP 96	Chemicals (Hazard Information and Packaging for Supply) Regulations 1996
CHIP SDS ACOPS	HSC Approved Code of Practice for Safety data Sheets in accordance with regulation 6 of the CHIP regulations
HSE EH40	HSE Guidance note EH40 on Occupational Exposure Limits to be used in conjunction with the COSH regulations

Footnote

LIABILITY

Such information is the best of Bath Potters Supplies' knowledge and belief accurate at the date of publication, which is the date generated automatically on the day of printing of this document. However, no representation, warranty of guarantee is made as to its accuracy, reliability of completeness. It is the user's responsibility to satisfy itself as to the suitability and completeness of such information for their own particular use.

THIRD PARTY MATERIALS

Insofar as materials not manufactured or supplied by Bath Potters Supplies' are used in conjunction with, or instead of Bath Potters Supplies' materials, it is the responsibility of the customer itself to obtain from the manufacturer or supplier all technical data and other properties relating to these and other materials and to obtain all necessary information relating to them. No liability can be accepted in respect of the use of Bath Potters Supplies' materials in conjunctions with other materials.

17. National Legislation

UK Legislation

SI1993/1746 Chemicals (Hazard Information and Packaging) Regulations 1993
Environmental Protection (Duty of Care) regulations 1992 SI 2839
Carriage of Dangerous goods by Road and Rail Regulations 1994
Control of pollution Act 1974
Environmental Protection Act 1990
Highly Flammable Liquids and Petroleum Spirit Regulations 1972
EH40 Occupational Exposure Limits
SI1988/1657 The Control of Substances Hazardous to Health Regulations

Note - This is not an exhaustive list and users should satisfy themselves that they comply with all relevant National Regulations

Important notes

Design CHIP-002

The material must only be used for its stated purpose and the information contained within this data sheet is offered solely for use in the evaluation of this product in respect of safety, health and environmental hazards.

Further reference can be made to our standard terms and conditions of sale, a copy of which is available on request.

26.08.21