according to Regulation (EC) No. 1272/2008

#### 157-1145 White Stoneware

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

#### 1.1 Product identifier

This safety data sheet pertains to the following products: 157-1145 White Stoneware Clay

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

Decoration of ceramic products.

## 1.3 Details of the supplier of the safety data sheet

Potclays Limited,

Brickkiln Lane, Stoke-on-Trent, Staffordshire, ST4 7BP

Tel. 01782 219816

E-mail: sales@potclays.co.uk Internet: www.potclays.co.uk 1.4 Emergency telephone number Telephone: +44 (1782) 219816 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)

Classification (EC 1272/2008)

Not Classified

#### 2.2 Label elements

Labelling according to EC regulation 1272/2008 (CLP)

Hazard statements:

NΑ

## **SECTION 3: Composition / information on ingredients**

3.1 Substances

EcNo. Chemical Name CAS No. Index No. Percentage Composition

#### 3.2 Mixtures

Composition comments Only ingredients listed above are notifiable for this product. If none are shown then all ingredients are exempt.

## **SECTION 4: First aid measures**

#### 4.1 Description of first aid measures

General information

Inhalation Unlikely route of exposure as the product does not contain volatile substances. Ingestion Do not induce vomiting. Rinse mouth thoroughly with water. Give a few small glasses of water or milk to drink. Get medical attention if any discomfort continues.

Skin contact Wash skin thoroughly with soap and water.

Eye contact Rinse with water.

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

according to Regulation (EC) No. 1272/2008

General information

N/A

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

No specific first aid measures noted.

## **SECTION 5: Firefighting measures**

#### 5.1 Extinguishing media

Extinguishing media

The product is non-combustible. No specific extinguishing media is needed.

### 5.2 Special hazards arising from the substance or mixture

Specific hazards

Non combustible. No hazardous thermal decomposition.

#### 5.3 Advice for firefighters

Special Fire Fighting Procedures

No specific fire-fighting protection is required. Use an extinguishing agent suitable for the surrounding fire.

## **SECTION 6: Accidental release measures**

#### 6.1. Personal precautions, protective equipment and emergency procedures

Personal precautions For personal protection, see Section 8.

#### 6.2. Environmental precautions

Environmental precautions Please read Section 2 completely. If any environmental warnings such as; H411 or H412 are listed in Section 2, please use appropriate procedures when disposing of product and container. Do not put materials into waterways or sewers.

#### 6.3. Methods and material for containment and cleaning up

Methods for cleaning up Collect spillage for reclamation or absorb in vermiculite, dry sand or similar material.

#### 6.4. Reference to other sections

Reference to other sections For waste disposal, see Section 13. For personal protection, see Section 8.

## **SECTION 7: Handling and storage**

#### 7.1 Precautions for safe handling

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

### 7.2. Conditions for safe storage, including any incompatibilities

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

## 7.3. Specific end use(s)

Usage Description

If you require advice on specific uses, please contact your supplier or check the Good Practice Guide referred to in section 16.

## **SECTION 8: Exposure controls/personal protection**

#### 8.1 Control parameters

Ingredient comments

Only ingredients listed in Section 3 are notifiable for this product. If none are shown then all ingredients are exempt.

## 8.2 Exposure controls

Engineering measures

Minimise airborne dust generation. Use process enclosures, local exhaust ventilation or other engineering controls to keep airborne levels below specified exposure limits. If user operations generate dust, fumes or mist, use ventilation to keep exposure to airborne particles below the exposure limit. Apply organisational measures, e.g. by isolating personnel from dusty areas. Remove and wash soiled clothing.

Respiratory equipment

In case of prolonged exposure to airborne dust concentrations, wear a respiratory protective equipment that complies with the

according to Regulation (EC) No. 1272/2008

requirements of European or national legislation.

Hand protection

For prolonged or repeated skin contact use suitable protective gloves. PVC or rubber gloves are recommended.

Eye protection

Use eye protection. Goggles/face shield are recommended. Contact lenses should not be worn when working with this product.

Hygiene measures

When using do not eat, drink or smoke. Wash hands at the end of each work shift and before eating, smoking and using the toilet. Use appropriate skin cream to prevent drying of skin.

Skin protection

No specific requirement. Appropriate protection (e.g. protective clothing, barrier cream) is recommended for workers who suffer from dermatitis or sensitive skin.

## **SECTION 9: Physical and chemical properties**

### 9.1. Information on basic physical and chemical properties

Appearance Solid Colour Various.

Odour Almost odourless. Relative density Greater than 1

#### 9.2. Other information

No information required.

## **SECTION 10: Stability and reactivity**

#### 10.1. Reactivity

No specific reactivity hazards associated with this product.

#### 10.2. Chemical stability

Stable under normal temperature conditions and recommended use.

### 10.3. Possibility of hazardous reactions

Not applicable.

### 10.4. Conditions to avoid

No particular incompatibility.

#### 10.5. Incompatible materials

Materials To Avoid

No specific, or groups of materials are likely to react to produce a hazardous situation.

## 10.6. Hazardous decomposition products

None under normal conditions.

## **SECTION 11: Toxicological information**

## 11.1 Information on toxicological effects

Inhalation

N/A

Ingestion

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

Skin contact

N/A

Eye contact

Particles in the eyes may cause irritation and smarting.

according to Regulation (EC) No. 1272/2008

## **SECTION 12: Ecological information**

#### **Ecotoxicity**

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

## 12.1. Toxicity

LC 50, 96 Hrs, Fish mg/l >1000 EC 50, 48 Hrs, Daphnia, mg/l >1000 IC 50, 72 Hrs, Algae, mg/l >1000

### 12.2. Persistence and degradability

Degradability

The product is not biodegradable.

#### 12.3. Bioaccumulative potential

Bioaccumulative potential

The product does not contain any substances expected to be bioaccumulating.

### 12.4. Mobility in soil

Mobility:

The product is insoluble in water.

#### 12.5. Results of PBT and vPvB assessment

Not Classified as PBT/vPvB by current EU criteria.

#### 12.6. Other adverse effects

None known.

## **SECTION 13: Disposal considerations**

#### General information

This mineral can be disposed of as a non toxic/inactive material in approved landfill sites in accordance with local regulations. Dust formation from residues in packaging should be avoided and suitable worker protection assured. Store used packaging in enclosed receptacles. Recycling and disposal of packaging should be carried out in compliance with local regulations. The re-use of packaging is not recommended. Recycling and disposal of packaging should be carried out by an authorised waste management company.

#### 13.1. Waste treatment methods

Where possible, recycling is preferable to disposal. Can be disposed of in compliance with local regulations.

## **SECTION 14: Transport information**

## 14.1. UN number

No information required.

## 14.2. UN proper shipping name

No information required.

## 14.3. Transport hazard class(es)

No information required.

### 14.4. Packing group

No information required.

## 14.5. Environmental hazards

Environmentally Hazardous Substance/Marine Pollutant No.

## 14.6. Special precautions for user

Not applicable.

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

No information required.

according to Regulation (EC) No. 1272/2008

## **SECTION 15: Regulatory information**

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture** Uk Regulatory References Health and Safety at Work Act 1974. The Control of Substances Hazardous to Health Regulations 2002 (S.I 2002 No. 2677) with amendments.

#### Statutory Instruments

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

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

**EU** Legislation

Exempted in accordance with Annex V.7 National Regulations Workplace Exposure Limits 2005 (EH40) Water hazard classification NWG

## 15.2. Chemical Safety Assessment

No chemical safety assessment has been carried out.

### **SECTION 16: Other information**

#### General information

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

A multi-sectoral social dialogue agreement on Workers Health Protection through the Good Handling and Use of Crystalline Silica and Products Containing it was signed on 25 April 2006. This autonomous agreement, which receives the European Commission's financial support, is based on a Good Practices Guide. The requirements of the Agreement came into force on 25 October 2006. The Agreement was published in the Official Journal of the European Union (2006/C 279/02). The text of the Agreement and its annexes, including the Good Practices Guide, are available from http://www.nepsi.eu and provide useful information and guidance for the handling of products containing respirable crystalline silica. Literature references are available on request from EUROSIL, the European Association of Industrial Silica Producers.

Health & Safety Executive: Detailed reviews of the scientific evidence on the health effects of crystalline silica have been published by HSE (Health and Safety Executive, UK) in the Hazard Assessment Documents EH75/4 (2002) and EH75/5 (2003). The HSE points out on its website that "Workers exposed to fine dust containing quartz are at risk of developing a chronic and possibly severely disabling lung disease known as "silicosis"." In addition to silicosis, there is now evidence that heavy and prolonged workplace exposure to dust containing crystalline silica can lead to an increased risk of lung cancer. The evidence suggests that an increased risk of lung cancer is likely to occur only in those workers who have developed silicosis.

#### Dioxins

The material may contain trace amounts (parts per trillion) of naturally occurring dioxin congeners (PCDD, PCDF) including TCDD. 2, 3, 7, 8. TCDD has been classified as a known human carcinogen by the IARC in Monograph 69 (1997). If this material is used for food, feed, or cosmetic purposes, it is highly recommended to check whether it fulfils the requirements of relevant legislation, in particular with regards to dioxins content.



### SAFETY DATA SHEET - CRYSTALLINE SILICA

#### 1. IDENTIFCATION OF SUBSTANCE/PREPARATION & COMPANY

Products: Wet Ground – Flint (98%) Feldspars (33%) Flux Composites (40 – 60%)

MAM Sand CG & FG (99%) Clay Bodies (40 – 60%)

REACH Key Notes: Exempt in accordance with Annex V.7

Application of Substance: Ceramics

Company: Valentine Clays Ltd, Valentine Way, Stoke-on-Trent, ST4 2FJ

Telephone: +44(0)1782 271200 Fax: +44(0)1782 280008 Email: sales@valentineclays.co.uk

#### 2. HAZARDS IDENTIFICATION

Products contain crystalline silica and therefore are classified as STOT RE2 according to criteria defined in the Regulation EC 1272/2008 and harmful according to criteria defined in Directive 67/548/EEC due to the potential to generate respirable dust. This could arise when the product is allowed to dry out. Particular attention should be given to controlling spillages.

Prolonged/repeated exposure to high concentrations of respirable free crystalline silica dust may cause delayed lung injury (silicosis) The WHO International Agency for Research on Cancer (IARC) evaluation for silica states "Crystalline silica inhaled in the form of quartz or cristobalite from occupational sources is carcinogenic to humans (Group 1)" but additionally notes "carcinogenicity in humans was not detected in all industrial circumstances studies. Carcinogenicity may be dependent on inherent characteristics of crystalline silica or on external factors affecting its biological activity or distribution of polymorphs" (IARC Monograph, Volume 68, 1997).

In June 2003, SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalations of respirable crystalline silica dust is silicosis. "There is sufficient information to conclude that then relative risk of lung cancer is increased in persons with silicosis (and, apparently, not employees without silicosis exposed to silica dust in quarries and in the ceramic industry). Therefore preventing the onset of silicosis will also reduce the cancer risk ..."(SCOEL SUM Doc 94-final, June 2003). So there is a body of evidence supporting the fact that increased cancer risk would be limited to people already suffering from silicosis. Worker protection against silicosis should be assured by respecting existing regulatory occupational exposure limits and implementing additional risk management measures where required.

Detailed reviews of the scientific evidence on the health effects of crystalline silica have been published by HSE (Health and Safety Executive UK) in the Hazard Assessment Documents EH75/4 (2002) and EH75/5 (2003). The HSE points out on its website that "Workers exposed to fine dust containing quartz are at risk of developing a chronic and possibly severely disabling lung disease known as silicosis. In addition to silicosis, there is now evidence that heavy and prolonged workplace exposure to dust containing crystalline silica can lead to an increased risk of lung cancer. The evidence suggests that an increased risk of lung cancer is likely to occur only in those workers who have developed silicosis.

#### 3. COMPOSITION / INFORMATION ON INGREDIENTS

#### Porcelain Powder - CAS No. 1332-58-7



WARNING STOT RE2

H373 - May cause damage to lungs through prolonged or repeated exposure by inhalation.

**Precautionary Statements:** 

P260 - Do not breathe dust

P285 - In case of inadequate ventilation wear respiratory protection

P501 - Dispose of contents/containers in accordance with local regulations

#### 4. FIRST AID MEASURES

**Eyes** - Rinse immediately with plenty of water. If irritation persists, seek medical advice.

**Skin** - Wash with water.

Ingestion - Wash out mouth, drink plenty of water. DO NOT MAKE PATIENT VOMIT.

**Inhalation** - Remove to fresh air and seek medical advice if necessary.

#### 5. FIRE FIGHTING MEASURES

This material is non-combustible and does not give off any harmful gases when involved with fires and will not react with other materials or fire extinguishing media.

#### 6. <u>ACCIDENTAL RELEASE MEASURES</u>

Eye protection should be worn to prevent splashes to eyes.

Spillages of slop material should be removed with copious amounts of water to factory drainage system.

Spillages of semi-dry or dry product should be removed by sweeping, preferably vacuum methods.

## 7. HANDLING AND STORAGE

Slop material should be agitated during storage to prevent settling. Spillage should be prevented during transfer operations and precautions taken to prevent splashing to body and eyes. When handling all materials observe good standards of industrial hygiene.

Avoid swallowing, inhaling dust and eye/skin contact through the use of personal protective equipment. Where dry material has to be handled, dust masks with normal protection factor (NPF) of 10 (EN149) should be worn.

#### 8. EXPOSURE CONTROL / PERSONAL PROTECTION

Dry materials should be used under conditions of local exhaust ventilation to avoid inhalation of dust. Where it is not possible, an appropriate dust mask must be worn.

Other than suitable protective clothing, no special controls are needed in the case of slop or plastic materials other than cleaning any spillages before they dry out. Goggles may be used to prevent possible eye irritation and gloves if skin irritation is likely.

WORKPLACE EXPOSURE LIMIT (WEL) – EH40: Total Respirable Dust: 0.1mg/m³ (UK)

## 9. PHYSICAL AND CHEMICAL PROPERTIES

**Appearance:** As a slurry of varying colour, as, pugged or pressed plastic clay body, as a dry

powder of varying colour.

pH: 5 - 9
Melting Point: 1000°C min
Flammability: Not flammable
Oxidising Properties: Not oxidizing
Solubility: Insoluble in water

## 10. STABILITY AND REACTIVITY

No known hazardous reactions or decomposition products within the sphere of its intended use as ceramic material.

#### 11. TOXICOLOGICAL INFORMATION

Mild irritant to skin and eyes

No known toxic effects on ingestion

Drying out of product will permit respirable particles of crystalline silica to become airborne with the risk of inhalation and retention in lungs. SEE SECTION 2.

#### 12. ECOLOGICAL INFORMATION

Material is extremely inert, being resistant to decomposition by weathering, biological activity and further oxidation.

Large aquatic discharges may lead to localized adverse physical effects to aquatic organisms due to the suspension of the material in water and silting.

#### 13. DISPOSAL INFORMATION

Material should be treated as industrial waste and the procedures laid down in the Duty of Care – Environmental Protection Act observed. Consult Local Authority if necessary.

#### 14. TRANSPORT INFORMATION

No special precautions. International regulation on the transport of dangerous goods (IMDG, IATA, ADR) not applicable.

#### 15. REGULATORY INFORMATION

Classification for Supply:

Slop Material - Warning
Pugged/Press cake Clay - Warning
Semi-dry Material - Warning
Dry Material - Warning

References:

EH40 - Workplace Exposure Limits 2005 Guidance Notes EH44 - Dust General Principles of Protection HS (G)53 - Respiratory Protective Equipment COSSH ACOP41 - Pottery Production Guidance Note EH59 REACH Regulation (EC) No 1907/2006 - Annex V 7

CLP Regulation (EC) No1272/2008

#### 16. OTHER INFORMATION

This data sheet is provided under CLP and REACH Regulation and is not intended to constitute an assessment of work place risk associated with product(s) used as required under any other Health and Safety Regulation.

Workers must be informed of the presence of crystalline silica and trained in the proper use and handling of this product as required under applicable regulations.

Date of Issue: July 2019

**Disclaimer:** Every care is taken in compiling this information and is believed accurate and reliable as of the date indicated. However, Valentine Clays Ltd disclaims all liability for any loss, damage or expense arising from any inaccuracy therein. It is the user's responsibility to satisfy themselves as to the suitability and completeness of such information for their own particular use.

# **Bath Potters' Supplies**

#### MATERIAL SAFETY DATA SHEET

## 1. <u>Identification of the preparation/Supplier reference</u>

Trade Name Potterycrafts ceramic body in a powder form. (See summary at document end.)

Chemical name Powdered clay

Synonyms Also known as fireclay

Supplier Bath Potters' Supplies, Unit 18, 4th Ave, Westfield Trad Est, Radstock BA3

Emergency numbers 4XETel: 01761 411077

E-Mail: sales@bathpotters.co.uk

#### 2. Composition

Component CAS EINECS % of composition Mixture of clay minerals and ground ceramic fluxes. Major component.

Water Typically 5% or less (dry weight)

Crystalline silica (quartz and/or

cristobalite) 14808-60-7 2388784 35 - 50% (dry weight)

#### 3. Health Hazard Identification

Inhalation Excessive exposure to dust may cause symptoms of chronic lung disease and impaired pulmonary

function

Ingestion Product of low solubility in body fluids and likely to be of low acute toxicity.

Eyes May cause physical irritation and inflammation.

Skin Not a primary irritant. Any abrasive powder may give minor irritation.

#### 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 (1/2 pint) of

water to drink (provided patient is conscious), seek medical advice.

Eyes Wash immediately with copious amounts of water for 15 minutes. Seek medical

attention is irritation persists.

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

#### 5. <u>Fire Fighting Measures</u>

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 Remove dry materials either by a vacuum cleaner fitted with a specific P3

particulate filter, or by damping down and scooping in to a receptacle. Small spillages may be washed into drains with plenty of water (provided

effluent consent conditions are complied with).

Protective equipment Respiratory protective equipment required for material in a dry state.

#### 7. Handling & Storage

Handling Do not eat, drink, or smoke in areas where the material is used. Wash hands/skin

thoroughly after handling. Local exhaust ventilation is recommended to comply with

occupational exposure limits (refer to Guidance Note EH40 - latest edition)

Storage Store in sealed packaging (e.g. as supplied) in normal dry conditions.

#### 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 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 which do not retain dust are recommended for prolonged contact. Safety glasses or goggles (to

BS2092) recommended if contact with eyes is possible.

#### 9. Physical & Chemical properties

Appearance & Odour Off-white, grey or light brown (dependent on type) odourless powder

Flash point (°C)

Flammability

Explosive properties

Oxidising properties

Specific gravity

Not applicable

Not applicable

Non-explosive

Non-oxidising

Ca. 2.6 (dry product)

pH value Not available

Melting point (°C) Greater than 1000°C (dry product)

## 10. Stability & Reactivity

Chemical stability The material is stable

Conditions/materials to avoid Contact with moisture will hydrate and degrade product.

Hazardous decomposition products

None known
Hazardous polymerisation products

None known

## 11. <u>Toxicology Information</u>

Acute toxicology LD<sub>50</sub> Oral Not known

LD<sub>50</sub> Dermal Not known LD<sub>50</sub> Inhalation Not known

Health effects Prolonged or repeated inhalation of dry dust (crystalline silica) above

Occupational Exposure Standards, may result in chronic lung damage

(silicosis).

#### 12. Ecological information

Ecotoxicity Not known.

Persistence Products are essentially insoluble in water

### 13. <u>Disposal</u>

Dispose in accordance with current waste Disposal regulations (for UK - Control of Pollution (Special Waste) Regulations 1996). Landfill is the most appropriate method. Small amounts may be washed into trade effluent drains, provided effluent conditions are complied with.

#### 14. Transport Information

UN/SI No. None

UN Class
Packing group
Road
ADR
Sea
IMO
Air

Not classified

#### 15. Regulatory information

EC Supply Labelling Harmful X<sub>n</sub>

R-Phrases R20 Harmful by inhalation.

R48 Danger of serious damage to health by prolonged exposure.

S-Phrases S20/21 When using do not eat, drink or smoke.

S22/23 Do not breath dust or fumes/spray

In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational Mg/m<sup>3</sup> 8 hr TWA % in product

exposures limits\*

Crystalline silica: dust 0.3 inhalable 30%

0.1 respirable 10%

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

P1222, P1312, P1402, P1512.

P1242 - White earthenware.

Powdered fireclay P3318.

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 Saftey 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

<sup>\*</sup> refer to HSE Guidance note EH40

# **Bath Potters' Supplies**

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#### 5. <u>Fire Fighting Measures</u>

Extinguishing Media Suitable for surrounding fire conditions.

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Special Exposure hazard None.

Protective equipment None other than required for surrounding fire conditions.

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effluent consent conditions are complied with).

Protective equipment Respiratory protective equipment required for material in a dry state.

#### 7. Handling & Storage

Handling Do not eat, drink, or smoke in areas where the material is used. Wash hands/skin

thoroughly after handling. Local exhaust ventilation is recommended to comply with

occupational exposure limits (refer to Guidance Note EH40 - latest edition)

Storage Store in sealed packaging (e.g. as supplied) in normal dry conditions.

#### 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 recommended.

Personal protective equipment

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#### 9. Physical & Chemical properties

Appearance & Odour Off-white, grey or light brown (dependent on type) odourless powder

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Flammability

Explosive properties

Oxidising properties

Specific gravity

Not applicable

Not applicable

Non-explosive

Non-oxidising

Ca. 2.6 (dry product)

pH value Not available

Melting point (°C) Greater than 1000°C (dry product)

## 10. Stability & Reactivity

Chemical stability The material is stable

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Hazardous decomposition products

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Hazardous polymerisation products

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Acute toxicology LD<sub>50</sub> Oral Not known

LD<sub>50</sub> Dermal Not known LD<sub>50</sub> Inhalation Not known

Health effects Prolonged or repeated inhalation of dry dust (crystalline silica) above

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UN/SI No. None

UN Class
Packing group
Road
ADR
Sea
IMO
Air

Not classified

#### 15. Regulatory information

EC Supply Labelling Harmful X<sub>n</sub>

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R48 Danger of serious damage to health by prolonged exposure.

S-Phrases S20/21 When using do not eat, drink or smoke.

S22/23 Do not breath dust or fumes/spray

In case of insufficient ventilation wear suitable respiratory equipment.

UK Occupational Mg/m<sup>3</sup> 8 hr TWA % in product

exposures limits\*

Crystalline silica: dust 0.3 inhalable 30%

0.1 respirable 10%

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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

<sup>\*</sup> refer to HSE Guidance note EH40