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## SAFETY DATA SHEET CORNISH STONE

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

#### 1.1. Product identifier

Product name                      Cornish Stone

Product number                  1013

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

Identified uses                      Component used in the formulation of ceramic frits glazes and inorganic pigments used for the manufacture of tableware and sanitaryware and other ceramic articles

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

Supplier                                      Keramikos  
    Oudeweg 153  
    2031 CC Haarlem

Tel 023 – 542 44 16

[www.keramikos.nl](http://www.keramikos.nl)

#### 1.4. Emergency telephone number

Emergency telephone                  023 – 542 44 16

### SECTION 2: Hazards identification

#### 2.1. Classification of the substance or mixture

##### Classification

Physical hazards                      Not Classified

Health hazards                        STOT RE 1 - H372

Environmental hazards                Not Classified

#### 2.2. Label elements

##### Pictogram



Signal word                                Danger

Hazard statements                      H372 Causes damage to organs through prolonged or repeated exposure if inhaled.

Precautionary statements            P270 Do not eat, drink or smoke when using this product.  
    P261 Avoid breathing dust or mist.

## CORNISHSTONE

Contains Fine Fraction Crystalline Silica

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

Fine Fraction Crystalline Silica	20 - 25%
CAS number: 14808-60-7	EC number: 238-878-4

### Classification

STOT RE 1 - H372

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

## SECTION 4: First aid measures

### 4.1. Description of first aid measures

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

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

General information No data available.

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

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

Specific hazards Dust may form explosive mixture with air. No unusual fire or explosion hazards noted.

### 5.3. Advice for firefighters

Protective actions during firefighting N/A

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

## SECTION 6: Accidental release measures

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

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

### 6.2. Environmental precautions

Environmental precautions Avoid spreading dust or contaminated materials.

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

## CORNISHSTONE

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

### 6.4. Reference to other sections

#### SECTION 7: Handling and storage

##### 7.1. Precautions for safe handling

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

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

Storage precautions Store in tightly-closed, original container. Keep container dry.

##### 7.3. Specific end use(s)

#### SECTION 8: Exposure Controls/personal protection

##### 8.1. Control parameters

Occupational exposure limits

Fine Fraction Crystalline Silica

Long-term exposure limit (8-hour TWA): WEL 0.1 mg/m<sup>3</sup>

WEL = Workplace Exposure Limit

##### 8.2. Exposure controls

Protective equipment



Appropriate engineering controls

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

Eye/face protection

Eyewear complying with an approved standard should be worn if a risk assessment indicates eye contact is possible. The following protection should be worn: Dust-resistant, chemical splash goggles.

Hand protection

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

Hygiene measures

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

Respiratory protection

Respiratory protection must be used if the airborne contamination exceeds the recommended occupational exposure limit. When spraying, wear a respirator fitted with the following cartridge: Particulate filter, type P3.

#### SECTION 9: Physical and Chemical Properties

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

Appearance

Powder.

Odour

Odourless.

pH

Not determined.

Melting point

> 600 C

Flash point

Not applicable.

Evaporation rate

Not applicable.

### CORNISHSTONE

Vapour density	Not relevant.
Bulk density	Not determined.
Solubility(ies)	Insoluble in water.
Explosive properties	Not applicable.
Oxidising properties	Not applicable.
9.2. Other information	

#### SECTION 10: Stability and reactivity

##### 10.1. Reactivity

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

##### 10.2. Chemical stability

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

##### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions    Not relevant.

##### 10.4. Conditions to avoid

Conditions to avoid                      Not known.

##### 10.5. Incompatible materials

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

##### 10.6. Hazardous decomposition products

Hazardous decomposition products    Not known.

#### SECTION 11: Toxicological information

##### 11.1. Information on toxicological effects

Specific target organ toxicity - repeated exposure

STOT - repeated exposure              In June 2003 SCOEL (the EU Scientific Committee on Occupational Exposure Limits) concluded that the main effect in humans of the inhalation of respirable crystalline silica is silicosis. "There is sufficient information to conclude that the relative risk of lung cancer is increased in persons with silicosis (and apparently, not in persons without silicosis exposed to silica dusts in quarries and the ceramic industry. Therefore preventing the onset of silicosis will reduce the cancer risk ..... (SCOEL.SUM Doc 94-final, June 2003)

Target organs                              Respiratory system, lungs

Inhalation                                Prolonged and/or massive exposure to respirable crystalline silica-containing dust may cause silicosis, a nodular pulmonary fibrosis caused by deposition in the lungs of fine respirable particles of crystalline silica.

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

Skin contact                              Prolonged contact may cause redness, irritation and dry skin.

Eye contact                                May cause temporary eye irritation.

#### SECTION 12: Ecological Information

**CORNISHSTONE**

Ecotoxicity                      There are no data on the ecotoxicity of this product.

## 12.1. Toxicity

## 12.2. Persistence and degradability

Persistence and degradability No information available as to the persistence and degradability of this product.

## 12.3. Bioaccumulative potential

Bioaccumulative potential      Not available.

## 12.4. Mobility in soil

Mobility                              Not available.

12.5. Results of PBT and vPvB assessment

Results of PBT and vPvB      Not available.  
assessment

## 12.6. Other adverse effects

Other adverse effects              Not available.

**SECTION 13: Disposal considerations**

## 13.1. Waste treatment methods

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

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

**SECTION 14: Transport information**

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

## 14.1. UN number

## 14.2. UN proper shipping name

## 14.3. Transport hazard class(es)

## 14.4. Packing group

## 14.5. Environmental hazards

## 14.6. Special precautions for user

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

**SECTION 15: Regulatory information**

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

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

Control of Substances Hazardous to Health Regulations 2002 (as amended).

EU legislation                          Regulation (EC) No 1907/2006 of the European Parliament and of the Council of 18 December 2006 concerning the Registration, Evaluation, Authorisation and Restriction of Chemicals (REACH) (as amended).

Guidance                                  Workplace Exposure Limits EH40.  
Safety Data Sheets for Substances and Preparations.

## 15.2. Chemical safety assessment

## CORNISHSTONE

**SECTION 16: Other information**

Issued by	Product Regulations Dept
Revision date	13/10/2015
Revision	10
Supersedes date	30/09/2015
SDS number	15221
SDS status	Approved.
Hazard statements in full	H372 Causes damage to organs through prolonged or repeated exposure if inhaled. H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled.

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.