

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

##### 1.1. Product identifier

**Product name**                      Transparent High Temperature Glaze

**Product number**                      SML G3

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

**Identified uses**                      Ceramic Glaze

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

**Supplier**                                      Simba Materials Limited t/a CTM Potters Supplies

Unit 7-8, Broomhouse Lane Industrial Estate, Edlington, Doncaster DN12 1EQ

T +44 (0)1709 770801 - F +44 (0)1709 770803 - doncaster@ctmpotterssupplies.co.uk

Unit 10a, Millpark Industrial Estate, White Cross Road, Woodbury Salterton, EX5 1EL

T +44 (0)1395 233077 - F +44 (0)1395 233905 - admin@ctmpotterssupplies.co.uk

##### 1.4. Emergency telephone number

**Emergency telephone**                      +44(0)1709 770801 Office hours only

#### SECTION 2: Hazards identification

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

###### Classification

**Physical hazards**                      Not Classified

**Health hazards**                      STOT RE 2 - H373

**Environmental hazards**                      Not Classified

##### 2.2. Label elements

###### Pictogram



**Signal word**                                      Warning

**Hazard statements**                      H373 May cause damage to organs through prolonged or repeated exposure if inhaled.

**Precautionary statements**                      P260 Do not breathe dust.  
P270 Do not eat, drink or smoke when using this product.

**Contains**                                      Fine Fraction Crystalline Silica

**Supplementary precautionary statements** P314 Get medical advice/attention if you feel unwell.  
P501 Dispose of contents/container in accordance with national regulations.

### 2.3. Other hazards

## SECTION 3: Composition/information on ingredients

### 3.2. Mixtures

<b>Fine Fraction Crystalline Silica</b>	<b>5 - 10%</b>
CAS number: 14808-60-7	EC number: 238-878-4
<b>Classification</b>	
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

<b>Inhalation</b>	Move affected person to fresh air at once. Get medical attention if any discomfort continues.
<b>Ingestion</b>	Do not induce vomiting. Rinse mouth thoroughly with water. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.
<b>Skin contact</b>	Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.
<b>Eye contact</b>	Rinse with water. Get medical attention if any discomfort continues.

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

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

## SECTION 5: Firefighting measures

### 5.1. Extinguishing media

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

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

**Specific hazards** No unusual fire or explosion hazards noted.

### 5.3. Advice for firefighters

**Protective actions during firefighting** N/A

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

## SECTION 6: Accidental release measures

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

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

### 6.2. Environmental precautions

**Environmental precautions** Avoid spreading dust or contaminated materials.

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

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

### 6.4. Reference to other sections

**SECTION 7: Handling and storage****7.1. Precautions for safe handling**

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

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

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

**7.3. Specific end use(s)****SECTION 8: Exposure Controls/personal protection****8.1. Control parameters****Occupational exposure limits****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: Chemical splash goggles or face shield.

**Hand protection**

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

**Hygiene measures**

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

**Respiratory protection**

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

**SECTION 9: Physical and Chemical Properties****9.1. Information on basic physical and chemical properties**

**Appearance** Coloured liquid.

**Odour** No characteristic odour.

**pH** pH (concentrated solution): 6-8

**Relative density** 1-2 @ °C

**Solubility(ies)** Insoluble in water.

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

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

**10.2. Chemical stability**

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

**10.3. Possibility of hazardous reactions**

**Possibility of hazardous reactions** Not relevant.

**10.4. Conditions to avoid**

**Conditions to avoid** Not known.

**10.5. Incompatible materials**

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

**10.6. Hazardous decomposition products**

**Hazardous decomposition products** Not known.

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

**Toxicological effects** No data recorded.

**General information** No specific health hazards known.

**Inhalation** No specific health hazards known.

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

**Skin contact** Prolonged contact may cause dryness of the skin.

**Eye contact** May cause temporary eye irritation.

**SECTION 12: Ecological Information**

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

**12.1. Toxicity**

**Toxicity** No information available.

**12.2. Persistence and degradability**

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

**12.3. Bioaccumulative potential**

**Bioaccumulative potential** No data available on bioaccumulation.

**12.4. Mobility in soil****12.5. Results of PBT and vPvB assessment**

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

**12.6. Other adverse effects****SECTION 13: Disposal considerations****13.1. Waste treatment methods**

<b>General information</b>	When handling waste, the safety precautions applying to handling of the product should be considered.
<b>Disposal methods</b>	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**

**UN No. (ADR/RID)** 0

**14.2. UN proper shipping name****14.3. Transport hazard class(es)****14.4. Packing group****14.5. Environmental hazards****14.6. Special precautions for user****14.7. Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code****SECTION 15: Regulatory information****15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

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

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

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

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

**Revision date** 15/07/2015

**Revision** 9

**Supersedes date** 11/06/2015

**Hazard statements in full** H372 Causes damage to organs (Respiratory system, lungs) through prolonged or repeated exposure if inhaled.  
H373 May cause damage to organs 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.