

**SAFETY DATA SHEET**  
Chrome Red Brushing Glaze

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

**1.1. Product identifier**

**Product name** Chrome Red Brushing Glaze

**Product number** P2819

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

**Identified uses** Ceramic Glaze

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

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

**1.4. Emergency telephone number**

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

**SECTION 2: Hazards identification**

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

**Classification (EC 1272/2008)**

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

**2.2. Label elements**

Hazard statements NC Not Classified  
Contains Fine Fraction Crystalline Silica

**2.3. Other hazards**

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

**3.2. Mixtures**

<b>Chromium Oxide</b> CAS number: 1308-38-9	EC number: 215-160-9	M factor (Acute) = 1	<b>&gt;1%</b>
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**Classification**  
NC : Not Classified

<b>Fine Fraction Crystalline Silica</b> CAS number: 14808-60-7	EC number: 238-878-4	<b>1 - 2.5%</b>
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**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. Rinse mouth thoroughly with water. Drink a few glasses of water or milk. Get medical attention if any discomfort continues.  
Skin contact Wash skin thoroughly with soap and water. Get medical attention if any discomfort continues.  
Eye contact Rinse with water. Get medical attention if any discomfort continues.

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

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

**SECTION 5: Firefighting measures**

**5.1. Extinguishing media**

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

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

Specific hazards No unusual fire or explosion hazards noted.

**5.3. Advice for firefighters**

**Protective actions during firefighting.** N/A

## 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

##### CHROMIUM OXIDE

Long-term exposure limit (8-hour TWA): 1 mg/m<sup>3</sup>

Short-term exposure limit (15-minute): 0.5 mg/m<sup>3</sup>

#### Fine Fraction Crystalline Silica

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

WEL = Workplace Exposure Limit

#### Chromium Oxide (CAS: 1308-38-9)

**DNEL** Industry - Dermal; Long term systemic effects: 137 mg/kg/day

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

#### PNEC

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

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

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

- Sediment (Marinewater); 676 mg/kg

- Soil; 65 mg/kg

- STP; 0.23 mg/l

### 8.2. Exposure controls

#### Protective equipment



#### Appropriate engineering Controls

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

#### Eye/face protection

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

#### Hand protection

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

#### Hygiene measures

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

#### Respiratory protection

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

## SECTION 9: Physical and Chemical Properties

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

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

## 9.2. Other information

### SECTION 10: Stability and reactivity

#### 10.1. Reactivity

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

#### 10.2. Chemical stability

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

#### 10.3. Possibility of hazardous reactions

Possibility of hazardous reactions Not relevant

#### 10.4. Conditions to avoid

Conditions to avoid Not known.

#### 10.5. Incompatible materials

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

#### 10.6. Hazardous decomposition products

Hazardous decomposition products Not known

### SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects

Toxicological effects No 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

Mobility Not determined.

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

Results of PBT and vPvB assessment Not available

#### 12.6. Other adverse effects

Other adverse effects Not known.

### SECTION 13: Disposal considerations

#### 13.1. Waste treatment methods

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

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

### SECTION 14: Transport information

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

14.1. UN number Not applicable.

14.2. UN proper shipping name Not applicable.

14.3. Transport hazard class(es) No transport warning sign required.

14.4. Packing group Not applicable.

**14.5. Environmental hazards** Environmentally hazardous substance/marine pollutant No.

**14.6. Special precautions for user** Not applicable.

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

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

**SECTION 15: Regulatory information**

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

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

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

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

**15.2. Chemical safety assessment**

No chemical safety assessment has been carried out.

**SECTION 16: Other information**

**Revision date** 30/07/2018

**Revision** 2

**Supersedes date** 17/05/2017

**SDS number** 6082

**Hazard statements in full** 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.