

## Safety Data Sheet

according to Regulation (EC) No 1907/2006

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

#### 1.1. Product identifier

Product Name Leadless Turquoise Raku-Crackle Glaze

Product Number P2597

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

##### Use of the substance/mixture

Manufacture of ceramic coatings suited for firing ceramics.

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

Company name: PotteryCrafts Ltd.,  
Campbell Road,  
Stoke-on-Trent.  
Staffordshire.  
UK ST4 4ET.  
Telephone: +44 (0)1782 745000  
e-mail: sales@potteryCrafts.co.uk

#### 1.4. Emergency telephone

+44 (0)1782 745000 Office Hours 08:45 – 16:30 pm Mon-Friday.

### **SECTION 2: Hazards identification**

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

This mixture is classified as not hazardous according to Regulation (EC) 1272/2008 [GHS].

#### 2.2. Label elements

Label in accordance with (EC) No. 1272/2008.

No pictogram required.

NC : Not Classified.

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

#### 3.2. Mixtures

##### Chemical characterization

Mixture of frits (silicate glasses), mineral oxides and inorganic pigments in aqueous suspension on hydrocolloidal basis.

##### Hazardous components

EC No.	Chemical Name	Quantity
CAS No.	Classification according to Directive 67/548/EEC	
Index No.	Classification according to Regulation (EC) No. 1272/2008 [CLP]	
REACH No.		
215-269-1	<b>Copper Oxide</b>	<b>2-3%</b>
1317-38-0	N - Dangerous for the environment R50	
	Aquatic Acute 1 (M-Factor = 1); H400	

Full text of R-, H- and EUH-phrases: see section 16.

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

#### 4.1. Description of first aid measures

##### General information

Remove contaminated or saturated clothing.

##### After inhalation

no data available

##### After contact with skin

Precautionally wash off with soap and water.

##### After contact with eyes

In case of contact with eyes rinse thoroughly with water.

##### After ingestion

In the event of symptoms refer for medical treatment.

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

no data available

### **SECTION 5: Firefighting measures**

#### 5.1. Extinguishing media

##### Suitable extinguishing media

The product itself does not burn. Co-ordinate fire-fighting measures to the fire surroundings.

##### Extinguishing media which must not be used for safety reasons

none known

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

none known

### 5.3. Advice for firefighters

Employ protective equipment commonly used in the event of fire.

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

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

Wear personal protection equipment.

### 6.2. Environmental precautions

Prevent penetration into stretches of water and drainage systems.

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

Take up mechanically, placing in appropriate containers for disposal.

### 6.4. Reference to other sections

Treat the recovered material as prescribed in the section on waste disposal.

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

### 7.1. Precautions for safe handling

#### Advice on safe handling

When using do not eat, drink or smoke. Wash hands before breaks and after work. Do not leave children unattended while using the material. Open windows to ensure natural ventilation.

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

#### Requirements for storage rooms and vessels

Keep container tightly closed. Keep out of the reach of children. Protect from frost.

### 7.3. Specific end use(s)

No data available

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

### 8.1. Control parameters

#### Additional advice on limit values

Not applicable, as product is in liquid phase.

### 8.2. Exposure controls

#### Occupational exposure controls

If local exhaust ventilation is not possible or not sufficient, the entire working area should be ventilated by technical means.

#### Protective and hygiene measures

Wash hands before breaks and after work. When using do not eat, drink or smoke.

#### Hand protection

If necessary: Wear protective gloves made of the following materials: NBR (Nitrile rubber).

#### Eye protection

If necessary: Wear tightly sealed safety glasses.

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

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

Physical state:	Powder
Colour	Grey
Odour:	odourless
pH-Value:	Not Applicable

#### Test method

#### Changes in the physical state

Flash point:	not applicable
Water solubility:	dispersible

### 9.2. Other information

no data available

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

### 10.1. Reactivity

no data available

### 10.2. Chemical stability

No decomposition if stored normally.

### 10.3. Possibility of hazardous reactions

no data available

### 10.4. Conditions to avoid

No dangerous reaction known under conditions of normal use.

### 10.5. Incompatible materials

none known

### 10.6. Hazardous decomposition products

none known

## **SECTION 11: Toxicological information**

### **11.1. Information on toxicological effects**

#### **Acute toxicity**

Acute, oral toxicity  
frits, chemicals: LD50: > 2.000,00 mg/kg (Species: Rat)

#### **Irritation and corrosivity**

Product may irritate eyes and skin.

#### **Sensitising effects**

none known

## **SECTION 12: Ecological information**

### **12.1. Toxicity**

Toxicity to fish  
frits, chemicals: LC50 Fish: > 1.000,00 mg/l / 96 h  
Toxicity to daphnia  
frits, chemicals: EC50 Daphnia: > 100,00 mg/l / 48 h  
Toxicity to algae  
frits, chemicals: IC50 algae: > 1.000,00 mg/l / 72 h

### **12.2. Persistence and degradability**

Poorly watersoluble, inorganic product. Can be mechanically precipitated to a large extent in biological sewage plants.

### **12.3. Bioaccumulative potential**

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**

no data available

#### **Further information**

Do not allow to enter into surface water or drains.

## **SECTION 13: Disposal considerations**

### **13.1. Waste treatment methods**

#### **Advice on disposal**

Dispose of waste according to applicable legislation.

#### **Waste disposal number of used product**

080203 WASTES FROM THE MANUFACTURE, FORMULATION, SUPPLY AND USE (MFSU) OF COATINGS (PAINTS, VARNISHES AND VITREOUS ENAMELS), ADHESIVES, SEALANTS AND PRINTING INKS; wastes from MFSU of other coatings (including ceramic materials); aqueous suspensions containing ceramic materials

#### **Waste disposal number of contaminated packaging**

WASTE PACKAGING; ABSORBENTS, WIPING CLOTHS, FILTER MATERIALS AND PROTECTIVE CLOTHING NOT OTHERWISE SPECIFIED; packaging (including separately collected municipal packaging waste); plastic packaging

#### **Contaminated packaging**

Completely emptied packages can be recycled.

## **SECTION 14: Transport information**

#### **Other applicable information**

Not a hazardous material with respect to transportation 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): 1 - slightly water contaminating

### **15.2. Chemical safety assessment**

For this mixture a chemical safety assessment has been carried out.

## **SECTION 16: Other information**

**Issued by** Product Regulations Dept.

**Revision Date** 3rd March 2016

**Revision** 3

**Supersedes Date** 12 .02.2010

**Relevant R-phrases (Number and full text)**

R50 Very toxic to aquatic organisms.

**Relevant H- and EUH-phrases (Number and full text)**

H400 Very toxic to aquatic life.

**Changes**

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.

*(The data for the hazardous ingredients were taken respectively from the last version of the sub-contractor's safety data sheet.)*