

## EU Safety Data Sheet

In accordance with 2001/58/EG

RAKUVARIA RAKU GLAZE G31      Prepared: 27.10.2019

### 1. Substance/Preparation and company description

#### 1.1 Description of the substance or the preparation

RAKU GLAZE G31 TURQUOISE/RED

This safety data sheet is valid for the following products:

RAKU GLAZE G31 TURQUOISE/RED ART.1815

#### 1.2 Use of the substance

Glaze overcoat of ceramic products for the "Naked Raku" technique

#### 1.3 Company name

RAKUVARIA  
Ulfterhoek 25, 5975RG Sevenum, Netherlands  
Phone: 0031625119680  
Contact: Pieter Huibers  
E-Mail: [info@rakuvaria.com](mailto:info@rakuvaria.com)  
Internet: [www.rakuvaria.com](http://www.rakuvaria.com)

#### 1.4 Emergency contact number

Phone: 0031625119680

### 2. Composition/Constituent specifications

This glaze contain proprietary mixtures of ceramic materials (listed below).The Rakuvaria Raku glaze G31 is classified as non-hazardous.

| Ingredients       | CAS #      |
|-------------------|------------|
| Fritte 2495F      | 65997-18-4 |
| Nepheline Syenite | 37244-96-5 |
| Copper Oxide      | 1317-38-0  |
| Peptapon 5        | 1302-78-9  |

### 3. Possible hazards

No hazardous substance or preparation within the meaning of the Dangerous Chemicals Ordinance and/or EEC directives.

No hazards when used as intended. When misused (e.g., swallowing), no hazardous effects on human health have become known.

#### **4. First-aid measures**

After eye contact: rinse with water and consult a physician.

After swallowing: rinse mouth with water and consult a physician.

After contact with skin: wash off with water and soap.

#### **5. Fire-fighting measures**

Extinguishing agent: No restrictions.

#### **6. Measures upon unintended release**

Pick up and collect after spillage or leakage. Prevent skin and eye contact. Prevent emptying into drains.

#### **7. Handling and storage**

##### **7.1 Handling**

Do not eat, drink, or smoke while glazing. Wash hands directly after use. Thoroughly ventilate spaces during firing, if possible, discharge firing gases directly into the open air.

##### **7.2 Storage**

Store closed container in a place inaccessible to children.

#### **8. Exposition limits**

##### **8.1 Exposition limits**

The product does not contain any relevant quantities of substances with workplace-related limiting values to be monitored.

##### **8.2 Limitation and monitoring of the exposition**

###### **8.2.1 Limitation and monitoring of the exposition at the workplace**

Wear suitable gloves made of nitrile. Avoid contact with eyes and skin.

###### **8.2.2 Limitation and monitoring of the environmental exposition**

The use of the product requires a smoothly functioning exhaustion of the kilns and sufficient ventilation of the workspaces.

## **9. Physical and chemical properties**

### **9.1 General information**

Appearance: Powder mixture, coloured grey

Odour: No perceptible odour.

### **9.2 Important information on health and environmental protection and on safety**

|                             |                |
|-----------------------------|----------------|
| ph-value:                   | 8.00-10.00     |
| Boiling point               | Not determined |
| Boiling range               | Not determined |
| Flash point:                | n.a.           |
| Combustibility              | n.a.           |
| Explosion hazard:           | n.a.           |
| Fire-supporting properties: | n.a.           |
| Steam pressure:             | n.a.           |
| Relative density:           | Not determined |
| Solubility:                 | water soluble  |
| Distribution coefficient:   | n.a.           |
| Viscosity:                  | tixotropic.    |
| Vapour density:             | n.a.           |
| Evaporation speed:          | n.a.           |

### **9.3 Other information**

Store in a frost-protected place.

## **10. Stability and reactivity**

### **10.1 Conditions to be avoided:**

Not known

### **10.2. Substances to be avoided:**

Not known

### **10.3 Hazardous decomposition products**

Not known

**11. Toxicology specifications**

When handled properly and in accordance with the intended use, the product will not cause in our experience and available information any effects harmful to health.

**12. Ecological specifications****12.1 Ecotoxicity****12.2 Mobility**

The watery dispersion predominantly consists of water-insoluble, anorganic components which to a great extent can be separated mechanically in cleaning equipment.

Water contaminant class                      1 - low hazardous to waters  
(WGK) self classification

**12.3 Persistence and decomposability**

Not applicable

**12.4 Bio-accumulation potential**

Not applicable

**12.5 Other hazardous effects**

Not applicable

**13. Notes on disposal**

If residues and collected wastes cannot be re-used, they can be set in a ceramic vessel by one-time firing at approx. 900°C.

Otherwise, dispose of in accordance with local waste removal regulations. For treatment of the process water, a small sewage plant is recommended.

Waste key product: 080203

Aqueous suspensions which container ceramic materials.

**14. Information on transportation**

Not a hazardous transport good.

**15. Regulations**

Does not require a hazardous warning label according to the EU guidelines/Dangerous Chemicals Ordinance.

## **16. Other information**

R22 harmful if swallowed  
R36 could irritate your eye  
R24 avoid contact with skin

This information is based on the current status of knowledge and experience.