

## EU Safety Data Sheet

In accordance with 2001/58/EG

RAKUVARIA NAKED RAKU LAYER1      Prepared: 27.10.2019

### 1. Substance/Preparation and company description

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

NAKED RAKU LAYER1.

This safety data sheet is valid for the following products:

NAKED RAKU LAYER1 ART.1910

#### 1.2 Use of the substance

Intermediate layer 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 Naked Raku Layer1 is classified as non-hazardous.

Ingredients	CAS #
Quartz	14808-60-7
Kaolin	1332-58-7

### 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 white

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 contain 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.