

## EU Safety Data Sheet

In accordance with 2001/58/EG

### BOTZ Stoneware-glaze 9881 Tiefblau

**Prepared: 05.01.2006**

#### 1. Substance/Preparation and company description

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

#### **BOTZ Stoneware-glaze 9881 Tiefblau**

##### 1.2 Use of the substance

Glassy overcoat of ceramic products

##### 1.3 Company name

S K G Keramische Farben GmbH  
 Hafenweg 26 a, 48155 Münster  
 Phone: +49 (0)251-65402 FAX: +49 (0)251-663012  
 Contact: Mechthild Surmann  
 E-Mail: [botz-glasuren@t-online.de](mailto:botz-glasuren@t-online.de)  
 Internet: [www.botz-glasuren.de](http://www.botz-glasuren.de)

##### 1.4 Emergency contact number

Phone: +49 (0)251-65402

#### 2. Composition/Constituent specifications

Mineral compound, milled glass, solvent-free binder based on acrylic

| CAS-Nr.    | EINECS-Nr. | Material description                | Content  | Symbols | R-phrases | S-phrases |
|------------|------------|-------------------------------------|----------|---------|-----------|-----------|
| 68187-40-6 | 269-093-5  | Pigment based on<br>Cobalt silicate | max. 5 % | Xn      | R20/22    | S20/21    |

Xn (harmful to health)

#### 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: | Liquid, pasty, often grainy mixture coloured differently. |
| 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

- R 20/22:            Harmful by inhalation and if swallowed
- S 20/21:            When using do not eat or drink

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