

# Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 21.08.2007

Revision: 04.11.2004

## 1 Identification of the substance/preparation and of the company/undertaking

- **Product details**
- **Trade name:** Pumice polishing paste
- **Article number:** 520 0016 0
- **Application of the substance / the preparation** Paste for polishing acrylic and metal
- **Manufacturer/Supplier:**  
bredent GmbH & Co.KG  
Weißenhörner Straße 2  
89250 Senden  
Tel: +49 (0) 7309/872-0  
Fax: +49 (0) 7309/872-24
- **Further information obtainable from:**  
R & D  
e-mail: R.D@bredent.com
- **Information in case of emergency:** Tel.: +49 (0) 6132-84436 (24 h)

## 2 Hazards identification

- **Hazard description:** Not applicable.
- **Information concerning particular hazards for human and environment:** Not applicable.

## 3 Composition/information on ingredients

- **Chemical characterization:**
- **CAS No. Description**  
Mixture of waxes, tensides, fatty acids, vegetable oils and various abrasives (SiO<sub>2</sub>).
- **Identification number(s)**

## 4 First aid measures

- **General information:** Immediately remove any clothing soiled by the product.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:**  
Immediately wash with water and soap and rinse thoroughly.  
If skin irritation continues, consult a doctor.
- **After eye contact:** Rinse opened eye for several minutes under running water.
- **After swallowing:**  
Rinse out mouth and then drink plenty of water.  
Do not induce vomiting; call for medical help immediately.

## 5 Fire-fighting measures

- **Suitable extinguishing agents:**  
CO<sub>2</sub>, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **Special hazards caused by the substance, its products of combustion or resulting gases:**  
In case of fire, the following can be released:  
Carbon monoxide (CO)
- **Protective equipment:** Mouth respiratory protective device.

## 6 Accidental release measures

- **Person-related safety precautions:** Not required.

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- **Measures for environmental protection:** Do not allow to enter sewers/ surface or ground water.
- **Measures for cleaning/collecting:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

## 7 Handling and storage

- **Handling:**
- **Information for safe handling:**  
Keep receptacles tightly sealed.  
Ensure good ventilation/exhaustion at the workplace.
- **Information about fire - and explosion protection:** Keep ignition sources away - Do not smoke.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** Store in a cool location.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** None.

## 8 Exposure controls/personal protection

- **Additional information about design of technical facilities:** No further data; see item 7.
- **Ingredients with limit values that require monitoring at the workplace:** Not required.
- **Additional information:** The lists valid during the making were used as basis.
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures are to be adhered to when handling chemicals.
- **Respiratory protection:** Use suitable respiratory protective device when high concentrations are present.
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Due to missing tests no recommendation to the glove material can be given for the product/ the preparation/ the chemical mixture.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation
- **Material of gloves**  
The selection of the suitable gloves does not only depend on the material, but also on further marks of quality and varies from manufacturer to manufacturer.
- **Penetration time of glove material**  
The exact break through time has to be found out by the manufacturer of the protective gloves and has to be observed.
- **Eye protection:** Safety glasses
- **Body protection:** Protective work clothing

## 9 Physical and chemical properties

### · General Information

<b>Form:</b>	Solid
<b>Colour:</b>	Red-brown
<b>Odour:</b>	Characteristic

### · Change in condition

**Melting point/Melting range:** > 35°C  
**Boiling point/Boiling range:** > 200°C

· **Flash point:** > 100°C

· **Flammability (solid, gaseous):** Product is not flammable.

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- |                                                  |                                                      |
|--------------------------------------------------|------------------------------------------------------|
| · <b>Danger of explosion:</b>                    | <i>Product does not present an explosion hazard.</i> |
| · <b>Density at 20°C:</b>                        | <i>&gt; 1 g/cm<sup>3</sup></i>                       |
| · <b>Solubility in / Miscibility with water:</b> | <i>Partly miscible.</i>                              |
| · <b>Organic solvents:</b>                       | <i>0.0 %</i>                                         |
| · <b>Solids content:</b>                         | <i>100.0 %</i>                                       |

### 10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:** *No decomposition if used according to specifications.*
- **Dangerous reactions** *No dangerous reactions known.*
- **Dangerous decomposition products:** *No dangerous decomposition products known.*

### 11 Toxicological information

- **Acute toxicity:**
- **Primary irritant effect:**
- **on the skin:** *No irritant effect.*
- **on the eye:** *No irritating effect.*
- **Sensitization:** *No sensitizing effects known.*
- **Additional toxicological information:**  
*When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.*  
*The substance is not subject to classification according to the latest version of the EU lists.*

### 12 Ecological information

- **General notes:** *Water hazard class 1 (German Regulation) (Self-assessment): slightly hazardous for water*

### 13 Disposal considerations

- **Product:**
- **Recommendation**  
*Must be specially treated adhering to official regulations.*  
*Smaller quantities can be disposed of with household waste.*
- **Uncleaned packaging:**
- **Recommendation:**  
*Packagings that may not be cleansed are to be disposed of in the same manner as the product.*

### 14 Transport information

- |                                                |
|------------------------------------------------|
| · <b>Land transport ADR/RID (cross-border)</b> |
| · <b>ADR/RID class:</b> -                      |
| · <b>Maritime transport IMDG:</b>              |
| · <b>IMDG Class:</b> -                         |
| · <b>Marine pollutant:</b> <i>No</i>           |

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- **Air transport ICAO-TI and IATA-DGR:**
- **ICAO/IATA Class:** -

**15 Regulatory information**

- **Labelling according to EU guidelines:**  
Observe the general safety regulations when handling chemicals.  
The substance is not subject to classification according to EU lists and other sources of literature known to us.

**16 Other information**

*This information is based on our present knowledge. However, this shall not constitute a guarantee for any specific product features and shall not establish a legally valid contractual relationship.*

- **Department issuing MSDS:** R & D
- **Contact:** R & D

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