

# Material Safety Data Sheet

according to 1907/2006/EC, Article 31



Printing date 28.01.2009

Revision: 04.06.2007

## 1 Identification of substance

- **Product details**
- **Trade name** Feinspachtel
- **Article number:** 0409
- **Application of the substance / the preparation** Knife filler/ Surfacer
- **Manufacturer/Supplier:**  
Remmers Baustofftechnik GmbH  
Postfach 1255  
D-49624 Lönningen / Germany  
Tel.: 05432/83-0  
Fax: 05432/3985
- **Informing department:**  
Product Safety department: Tel.: +49 (0)5432/83-138/-538  
E-Mail: sales@remmers.co.uk
- **Emergency information:**  
during working hours:  
U.K.: Tel.: +44 (0) 845 373 0103  
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Head Office Germany: Tel.: +49 (0)5432 83 185  
after working hours: Tel.: +49 (0)171/6428-297

## 2 Hazards identification

- **Hazard designation:**



Xn Harmful

- **Information pertaining to particular dangers for man and environment**  
R 48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- **Classification system**  
The classification is in line with current EC lists. It is expanded, however, by information from technical literature and by information furnished by supplier companies.

## 3 Composition/information on ingredients

- **Chemical characterization**
- **Description:** Mixture of the substances listed below with harmless additions.

- **Dangerous components:**

CAS: 14808-60-7 EINECS: 238-878-4	Quartz (SiO <sub>2</sub> )		40-<60%
CAS: 1305-62-0 EINECS: 215-137-3	calcium dihydroxide	Xi; R 36/38	5-<10%

- **Additional information** For the wording of the listed risk phrases refer to section 16.

## 4 First aid measures

- **After inhalation** Seek medical treatment in case of complaints.

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- **After skin contact**  
Wash immediately 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. If symptoms persist, consult doctor.
- **After swallowing** Call a doctor immediately.
- **Information for doctor** see item 3

## 5 Fire fighting measures

- **Suitable extinguishing agents** Use fire fighting measures that suit the environment.
- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Person-related safety precautions:**  
Avoid causing dust.  
Avoid skin contact. Avoid eye contact.
- **Measures for environmental protection:**  
Avoid uncontrolled admittance of water. Avoid uncontrolled runoff after admittance of water. Avoid runoff into sewage system and receiving water.
- **Measures for cleaning/collecting:**  
Collect mechanically.  
Keep away from water.
- **Additional information:**  
Hardens after contact with water. After hardening it can be disposed of as concrete (European waste catalogue: EWC-Code: 170101).

## 7 Handling and storage

- **Handling**
- **Information for safe handling:**  
Avoid the formation of dust.  
Protect against moisture. Keep out of reach of children. Avoid skin contact. Avoid eye contact.
- **Information about protection against explosions and fires:** The product is not flammable
- **Storage**
- **Requirements to be met by storerooms and containers:**  
Store in closed rooms protected against moisture. Extraction of dust in compliance with BImSchG or Technical Instructions Air.
- **Information on storage in a common storage facility:**  
Suitable material for containers and pipes: Light metals and their alloys.
- **Further information about storage conditions:**  
Keep container tightly closed.  
Store dry.  
Protect from humidity and keep away from water.

## 8 Exposure controls and personal protection

- **Additional information about design of technical systems:** No further data; see item 7.

- **Components with limit values that require monitoring at the workplace:**

**1305-62-0 calcium dihydroxide**

WEL Long-term value: 5 mg/m<sup>3</sup>

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- **Additional information:** The lists that were valid during compilation were used as a basis.
- **Personal protective equipment**
- **General protective and hygienic measures**  
Immediately remove soiled, saturated clothing.  
Keep away from food, beverages and animal feed.  
Do not eat, drink or smoke while working.  
Use skin protection cream for preventive skin protection.  
Wash hands before pauses and after work.  
Avoid contact with eyes and skin.  
Do not inhale dust / smoke / mist.  
Observe Professional Association regulations.
- **Respiratory equipment:**  
Short term filter device:  
Filter P2.  
Code of Practice ZH 1 / 701 Hauptverband der Gewerbl. BG
- **Protection of hands:**  
Protective gloves.  
Avoid contact with skin. Wear suitable protective gloves.
- **Material of gloves** Nitrile rubber, NBR
- **Penetration time of glove material**  
The exact break trough time has to be found out by the manufacturer of the protective gloves and has to be observed.  
Break through time: max. 240 min (DIN EN 374).
- **Eye protection:**  
Tightly sealed safety glasses.  
Code of Practice BGR 192 Hauptverband der Gewerbl. BG: Avoid contact with eyes. In case of eye contact, rinse immediately and thoroughly with water. Seek medical advice.
- **Body protection:** Protective work clothing.

## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Powder
<b>Colour:</b>	Grey
<b>Odour:</b>	Odourless

### · Change in condition

<b>Melting point/Melting range:</b>	> 1000°C
<b>Boiling point/Boiling range:</b>	Not determined

· **Flash point:** Not applicable

· **Self-inflammability:** Product is not self-igniting.

· **Danger of explosion:** Product is not explosive.

· **Density at 20°C** 1.1 g/cm<sup>3</sup>

### · Solubility in / Miscibility with

**Water:** mixable up to 1:10

· **pH-value (10 g/l) at 20°C:** ca. 12

## 10 Stability and reactivity

### · Thermal decomposition / conditions to be avoided:

- No decomposition if used according to specifications.
- No decomposition if handled and stored according to specifications.

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- Avoid the entrance of moisture
- **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 irritating effect.
- **on the eye:** No irritating effect.
- **Additional toxicological information:**  
Prolonged inhalation of fine quartz dust (fraction < 5 µm) above the TLV value may lead to silicosis.

## 12 Ecological information:

- **Ecotoxicological effects:**  
Only possible by unintentional release of larger amounts in connection with water through increased pH-value.
- **General notes:**  
Water hazard class 1 : slightly hazardous to water.  
Do not allow product to reach ground water, bodies of water or sewage system.

## 13 Notes on disposal:

- **Product:**
- **Recommendation**  
Taken up dry, it can be further used. After admittance of water (item 6) and hardening it can be disposed of as building rubble.

### · European waste catalogue

17 00 00	CONSTRUCTION AND DEMOLITION WASTES (INCLUDING EXCAVATED SOIL FROM CONTAMINATED SITES)
17 01 00	concrete, bricks, tiles and ceramics
17 01 01	concrete

- **Uncleaned packaging:**
- **Recommendation:** Disposal must be made according to official regulations.

## 14 Transport information

- **Land transport ADR/RID and GGVS/GGVE (cross-border/domestic)**
- **ADR/RID-GGVS/E Class:** -

- **Maritime transport IMDG/GGVSea:**
- **IMDG/GGVSea Class:** -

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

- **Transport/Additional information:** Not a hazardous good according to the above regulations.

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**15 Regulatory information**

- **Designation according to EC guidelines:**  
Labelled on the basis of internal knowledge  
Observe normal safety precautions for handling chemicals

- **Code letter and hazard designation of product:**



Xn Harmful

- **Hazard-determining components of labelling:**  
Quartz (SiO<sub>2</sub>)
- **Risk phrases:**  
48/20 Harmful: danger of serious damage to health by prolonged exposure through inhalation.
- **Safety phrases:**  
22 Do not breathe dust.  
24 Avoid contact with skin.  
38 In case of insufficient ventilation, wear suitable respiratory equipment.
- **Special labelling of certain preparations:** low chromate content according to directive 2003/53 EG
- **Product Code:** ZP 1
- **National regulations**
- **Water hazard class:**  
Water hazard class 1: slightly hazardous to water.  
according to appendix 4 VwVwS
- **Other regulations, limitations and prohibition ordinances**  
Corrosive properties are released when worked with water; for this reason experience is expected of the user and our working instructions are to be observed.  
Professional Association Principles/Industrial Medicine regulations, e.g. principles of industrial medicine  
Occupational Safety Regulations (VBG, ZH-1/Codes of Practice, etc.).

**16 Other information:**

This data is based on our present state of knowledge. However, it does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.  
Delivery specifications are found in the respective Technical Information Sheets.

- **Relevant R-phrases**  
36/38 Irritating to eyes and skin.
- **Department issuing data specification sheet:** Product Safety department