

## Material Safety Data Sheet

according to 1907/2006/EC, Article 31

Printing date 28.01.2009

Revision: 31.07.2007

### 1 Identification of substance

- **Product details**
- Trade name **Quartz 02/07**
- **Article number:** 4417
- **Application of the substance / the preparation** Filler/ Extender
- **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  
Far East: Tel.: +65( 0) 67410277  
Head Office Germany: Tel.: +49 (0)5432 83 185  
after working hours: Tel.: +49 (0)171/6428-297

### 2 Hazards identification

- **Hazard designation:** not applicable
- **Information pertaining to particular dangers for man and environment** not applicable
- **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:**
- **CAS No. Designation:**  
14808-60-7 Quartz (SiO<sub>2</sub>)
- **Identification number(s):**
- **EINECS Number:** 238-878-4

### 4 First aid measures

- **General information** No special measures required.
- **After inhalation** Seek medical treatment in case of complaints.
- **After eye contact** Rinse opened eye for several minutes under running water.
- **After swallowing** Rinse out mouth and then drink plenty of water.

### 5 Fire fighting measures

- **Suitable extinguishing agents**  
Water  
Use fire fighting measures that suit the environment.

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- **Protective equipment:** No special measures required.

## 6 Accidental release measures

- **Person-related safety precautions:** Not required.
- **Measures for environmental protection:** No special measures required.
- **Measures for cleaning/collecting:** Collect mechanically.
- **Additional information:** See Section 13 for information on disposal.

## 7 Handling and storage

- **Handling**
  - **Information for safe handling:** No special measures required.
  - **Information about protection against explosions and fires:** The product is not flammable
- **Storage**
  - **Requirements to be met by storerooms and containers:** No special requirements.
  - **Information on storage in a common storage facility:** none
  - **Further information about storage conditions:** Store dry.

## 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:** not applicable
- **Additional information:** The lists that were valid during compilation were used as a basis.
- **Personal protective equipment**
  - **General protective and hygienic measures**  
Observe the usual precautionary measures when handling chemicals.  
Immediately remove soiled, saturated clothing.  
Store protective clothing separately.  
Use skin protection cream for preventive skin protection.  
Wash hands before pauses and after work.  
Clean skin thoroughly immediately after handling the product.  
Avoid contact with eyes and skin.
  - **Respiratory equipment:**  
Respiratory protection (fine dust mask with P2 protective level filter) is only necessary if TLV value is exceeded.
  - **Protection of hands:** not required.
  - **Eye protection:** not required.
  - **Body protection:** Protective work clothing.

## 9 Physical and chemical properties:

### · General Information

<b>Form:</b>	Solid.
<b>Colour:</b>	white-yellow
<b>Odour:</b>	Odourless

### · Change in condition

<b>Melting point/Melting range:</b>	ca. 1400°C
<b>Boiling point/Boiling range:</b>	Not determined

<b>Flash point:</b>	Not applicable
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- |  |                             |
|--|-----------------------------|
| <b>· Inflammability (solid, gaseous)</b>         | Product is not inflammable. |
| <b>· Danger of explosion:</b>                    | Product is not explosive.   |
| <b>· Density at 20°C</b>                         | ca. 2.65 g/cm <sup>3</sup>  |
| <b>· Solubility in / Miscibility with Water:</b> | Insoluble                   |

## 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.
- **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.
- **Sensitisation:** No sensitising effect known.
- **Additional toxicological information:**  
The product is not subject to labelling based on the calculation method of the General EC Classification Guidelines for Preparations as issued in the latest version.  
When used and handled according to directions, the product does not have any harmful effects according to our experience and the information available.

## 12 Ecological information:

- **Behaviour in environmental systems:**
- **Other information** It can be mechanically separated in sewage plant facilities.
- **General notes:** Generally not hazardous to water.

## 13 Notes on disposal:

- **Product:**
- **Recommendation**  
Smaller quantities can be disposed of together with household garbage.  
The given refuse codes are recommendations based upon the intended use of the product. Because of special use and disposal conditions at the user's, other codes may apply under other conditions.

### · 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

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- **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.

## 15 Regulatory information

- **Designation according to EC guidelines:**  
Observe normal safety precautions for handling chemicals  
The product is not subject to labelling in accordance with EC Guidelines and the Ordinance on Hazardous Materials (GefStoffV).
- **National regulations**
- **Water hazard class:** Generally not hazardous to water.
- **Other regulations, limitations and prohibition ordinances**  
Observe the usual protective measures when working and for storage.

## 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.

- **Department issuing data specification sheet:** Product Safety department

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