

## PRODUCT INFORMATION for safe handling



### Silica sand - filler or scattering agent for synthetic resin systems

Version 1

## 1. Product and Company Information

### Product information

Trade name:	Silica sand (BM-QS) - filler or scattering agent for synthetic resin systems Semi-finished products for industrial processing
Company:	HP-Textiles GmbH Otto-Hahn-Straße 22 48480 Schapen -Germany-
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## 2. Possible dangers

### Classification according to Regulation (EC) No. 1272/2008:

The product is not classified under the CLP Regulation.

### Safety:

P260 Do not inhale dust.

### Other hazards

The Committee on Hazardous Substances has assessed quartz and cristobalite (respirable fraction) as carcinogenic K1 in accordance with the criteria set out in Annex VI to Directive 67/548/EEC. Prolonged and/or heavy inhalation of respirable silica dust can lead to silicosis.

**PBT and vPvB assessment results PBT:** Not applicable.

## 3. Composition / information on the ingredients

### **Chemical characterization: mixtures**

Description: Mixture of the following substances with harmless admixtures.

**Hazardous ingredients [% m/m]:** Not applicable.

**additional. Notes:** The wording of the hazard warnings listed can be found in Section 16.

## 4. First aid measures

<b>General information</b>	No special measures required.
<b>After inhalation</b>	In case of complaints, seek medical treatment
<b>After skin contact</b>	Wash off immediately with soap and water and rinse well.

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**After eye contact** Rinse eyes under running water for several minutes with the eyelid slit open. If symptoms persist, consult a doctor.

**After swallowing** Rinse your mouth and drink plenty of water.

**Main acute and delayed symptoms and effects:** No data available.

**Indications of immediate medical assistance or special treatment** No information available.

### 5. Firefighting measures

Suitable extinguishing agents: No special measures required.

Special hazards posed by the substance or mixture:  
No other relevant information available.

Notes for firefighting:  
Special protective equipment: No special measures required.

### 6. Accidental Release Measures

Personal precautions, protective equipment and emergency  
Procedure: Not required. Put on a breathing apparatus.

Environmental protection: No special measures required.

Methods and material for retention and cleaning  
Ensure adequate ventilation.

### 7. Handling and storage

Protective measures for safe handling:  
No special measures required. Provide good ventilation/extraction in the workplace. Avoid dust formation.

Notes on fire and explosion protection:  
No special measures required Have breathing apparatus ready

Conditions for safe storage, taking into account incompatibilities Storage:  
Requirements for storage rooms and containers: Keep containers tightly closed, do not store below 0°C.  
Storage instructions: none  
Further information on storage conditions: Store in a dry place  
Bearing class (TRGS 510): 13

### 8. Exposure limitation and personal protective equipment

**Components with work-related limit values to be monitored:**  
**CAS: 14808-60-7 Quartz Flour**  
MAK | respirable fraction  
Additional notes: The lists valid at the time of preparation served as a basis.

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### Limitation and monitoring of exposure Personal protective equipment:

#### General protective and hygiene measures:

Preventive skin protection with skin protection ointment.

Avoid prolonged and intense skin contact.

The following personal protective equipment (PPE) information is to be understood as suggestions. The selection of the necessary PPE must be weighed up depending on the activities to be carried out and the local conditions by the employer. If it is determined during the risk assessment on site that there is no danger to the employee, the wearing of PPE can be dispensed with or the scope of the PPE to be used can be adjusted accordingly.

#### Respiratory:

In the case of the development of dusts:

Particulate filter FFP2 according to EN 143 / 149.

In case of short-term or low load, breathing filter device; in case of intensive or prolonged exposure, use self-contained breathing apparatus.

#### Guard:

The glove material must be impermeable and resistant to the product/fabric/preparation. Selection of glove material taking into account breakthrough times, permeation rates and degradation.

#### Glove material:

The selection of a suitable glove depends not only on the material, but also on other quality features and varies from manufacturer to manufacturer. Since the product is a preparation of several substances, the resistance of glove materials cannot be predicted in advance and must therefore be checked before use.

#### Penetration time of glove material:

The exact penetration time should be obtained from the manufacturer or supplier.

Permeation depending on operating conditions, according to the manufacturer's instructions after max. 480 min (DIN EN 374).

**Eye protection:** not required

## 9. Physical and Chemical Properties

### Information on the basic physical and chemical properties:

Form:	firm
Color:	grey
Smell:	odorless
Odour threshold:	Not determined
pH:	Not applicable.
Melting point/freezing point:	>1,450 °C
Boiling start and boiling range:	Not determined
Flash point:	Not applicable.
Flammability (solid, gaseous):	Not definitely.
Ignition temperature:	Not applicable.
Decomposition Temperature:	Not definitely.
Autoignition temperature:	The product is not self-igniting.
Explosive properties:	The product is not explosive.
Vapor pressure:	Not applicable.
Density at 20 °C:	2.65 g/cm <sup>3</sup>
Bulk density:	1,100-1,500 kg/m <sup>3</sup>
Solubility in water:	soluble
Solid content:	100 %

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### 10. Stability and reactivity

Reactivity	No information available.
Chemical stability	No information available.
Possibility of dangerous reactions	No information available.
Conditions to avoid	No information available.
Incompatible materials	None known.
Dangerous decomposition products	No dangerous decomposition products known.

### 11. Toxicology information

**Acute toxicity:** Based on the available data, the classification criteria are not met.

**Classification-relevant LD/LC50 values:** No other relevant information available.

**Corrosive/irritating effect on the skin:** Based on the available data, the classification criteria are not met.

**Severe eye damage/irritation:**

Based on the available data, the classification criteria are not met.

**Sensitization of the respiratory tract/skin:**

Based on the available data, the classification criteria are not met.

**Germ cell mutagenicity:** Based on the available data, the classification criteria are not met.

**Carcinogenicity:** Based on the available data, the classification criteria are not met.

**Reproductive toxicity:** Based on the available data, the classification criteria are not met.

**Specific target organ toxicity with single exposure:**

Based on the available data, the classification criteria are not met.

**Specific target organ toxicity in repeated exposure:**

Based on the available data, the classification criteria are not met.

**Risk of aspiration:** Based on the available data, the classification criteria are not met.

### 12. Environmental claims

**Aquatic toxicity:** No other relevant information available.

**Persistence and degradability:** No other relevant information available.

**Bioaccumulation potential:** No other relevant information available.

**Mobility in the ground:** No other relevant information available.

**Further ecological information:** General information: Not hazardous to water.

**Other information:** Ecological data are not available. Do not allow the product to enter the environment in an uncontrolled manner.

**PBT and vPvB assessment results PBT:** Not applicable. **vPvB:** Not applicable.

### 13. Disposal Instructions

**Recommendation:** Smaller quantities can be disposed of together with household waste werden.in coordination with the regional disposal company.

**Uncleaned packaging:**

Recommendation: Disposal in accordance with official regulations.

**Recommended detergent:** Water, with the addition of detergents if necessary.

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### 14. Transport details

The product is not a dangerous good within the meaning of the transport regulations.

### 15. Regulations

**Water hazard class:** Generally not hazardous to water.

**Other regulations, restrictions and prohibition ordinances:**

The usual protective measures must be observed during processing and storage.

**Chemical safety assessment:** A chemical safety assessment was not carried out.

### 16. Other information

This information is based on our current knowledge and the information provided by our suppliers and describes the product only with regard to safety requirements. We assume that they are correct to the best of our knowledge and belief. They do not constitute a guarantee of characteristics and do not claim to be complete. They do not take into account all the circumstances in which the product may be used, nor all the physical and psychological characteristics of the persons responsible for transporting or processing the product.

According to Regulation (EC) No. 1907/2006 [REACH] Article 3(3), this product is classified as an article, therefore there is no obligation to register the ingredients or prepare a safety data sheet, as required by Article 31 of the REACH Regulation. This document was prepared voluntarily in accordance with Annex II of the Regulation under the aspect of "Responsible Care".

<b>Company:</b> HP-Textiles GmbH, D-48480 Schapen -Germany-	<b>Date:</b> 2025-02-13 (Version 1)	<b>Department:</b> Application Technology / QA LS / HJ
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