



Boden gut, alles gut!
Expect more from your floor.

Safety Data Sheet

according to 1907/2006/EC, Article 31

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Printing date 21.04.2009

Vers.No.: 3

Revision: 21.04.2009

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

- **Product details**
- **Trade name:** SILIKAL FILLER Si
- **Application of the substance / the preparation:** Filler/ Extender
- **Manufacturer/Supplier:**
Silikal GmbH
Ostring 23
D-63533 Mainhausen
Tel.: +49-6182/9235-0
Fax.: +49-6182/9235-40
e-mail: mail@silikal.de
- **Further information obtainable from:** Environmental department
- **Information in case of emergency:** +49 6182 / 9235-0

2 Hazards identification

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

3 Composition/information on ingredients

- **CAS No. Description**
14808-60-7 Quartz (SiO₂)
- **Identification number(s)**
- **EINECS Number:** 238-878-4
- **Chemical characterization**
- **Description:** Filler/ Extender

4 First-aid measures

- **General information:** No special measures required.
- **After inhalation:** Supply fresh air; consult doctor in case of complaints.
- **After skin contact:** Generally the product does not irritate the skin.
- **After eye contact:** If symptoms persist consult doctor.
- **After swallowing:** If symptoms persist consult doctor.

5 Fire-fighting measures

- **Suitable extinguishing agents:**
CO₂, powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **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:** Pick up mechanically.
- **Additional information:** No dangerous substances are released.

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7 Handling and storage

- **Handling:**
- **Information for safe handling:** No special measures required.
- **Information about fire - and explosion protection:** No special measures required.
- **Storage:**
- **Requirements to be met by storerooms and receptacles:** No special requirements.
- **Information about storage in one common storage facility:** Not required.
- **Further information about storage conditions:** Store in dry conditions.

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:**
Short term filter device:
Filter P2
- **Protection of hands:**



Protective gloves

- **Material of gloves:** Strong material gloves
- **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:** Not required.
- **Body protection:** Protective work clothing

9 Physical and chemical properties

· General Information

Form:	Powder
Colour:	Light beige
Odour:	Nearly odourless

· Change in condition

Melting point/Melting range:	1713°C
Boiling point/Boiling range:	2230°C

· Flash point:	Not applicable.
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· Flammability (solid, gaseous):	Product is not flammable.
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· Danger of explosion:	Product does not present an explosion hazard.
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· Vapour pressure at 1732°C:	13.5 hPa
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· Density at 20°C:	2.2-2.6 g/cm ³
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· Bulk density at 20°C:	1400 kg/m ³
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- **Solubility in / Miscibility with water:** Insoluble.
- **Organic solvents:** 0.0 %

10 Stability and reactivity

- **Thermal decomposition / conditions to be avoided:**
No decomposition if used according to specifications.
- **Materials to be avoided:** Reacts with alkali, amines and strong acids.
- **Dangerous reactions:** No dangerous reactions known.
- **Dangerous decomposition products:** No dangerous decomposition products known.
- **Additional information:** No special measures required.

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:** Generally not hazardous for water.

13 Disposal considerations

- **Product:**
- **Recommendation**
Can be disposed of with household garbage after consulting with the waste disposal facility operator and the pertinent authorities and adhering to the necessary technical regulations.
Smaller quantities can be disposed of with household waste.

· European waste catalogue	
01 04 09	waste sand and clays
15 01 01	paper and cardboard packaging

- **Uncleaned packaging:**
- **Recommendation:** Packaging may be reused or recycled after cleaning.

14 Transport information

- **Land transport ADR/RID (cross-border)**
- **ADR/RID class:** -
- **Maritime transport IMDG:**
- **IMDG Class:** -
- **Marine pollutant:** No

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

- **Transport/Additional information:** Not dangerous according to the above specifications.

15 Regulatory information

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

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:** Environmental Department
- **Contact:** Dipl.- Ing. (FH) Kurt K. Engel
- * **Data compared to the previous version altered.**

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