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# Safety Data Sheet

acc. to OSHA HCS

Printing date 04/28/2016

Reviewed on 03/11/2016

## 1: Identification

- **1.1 Product identifier**
- **Trade name: SILIKAL Filler SV**
- **Application of the substance / the preparation:** Filler/ Extender
- **1.3 Details of the supplier of the safety data sheet**
- **Manufacturer/Supplier:**  
Silikal America  
609-B Fertilla Street  
Carrolton, GA 30117  
Tel.: 770.830.1404  
Fax.: 777.830.9213  
info@silikalamerica.com
- **Information department:** Silikal America
- **1.4 Emergency telephone number:** INFOTRAC 1-800-535-5053

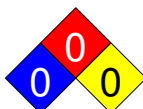
## 2: Hazard(s) identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Carc. 1A H350 May cause cancer.  
STOT RE 1 H372 Causes damage to organs through prolonged or repeated exposure.
- **2.2 Label elements**
- **Labelling according to Regulation (EC) No 1272/2008**  
The product is classified and labeled according to the CLP regulation.
- **Hazard pictograms**



GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
Quartz (SiO<sub>2</sub>)  
Quartz (SiO<sub>2</sub>)
- **Hazard statements**  
H350 May cause cancer.  
H372 Causes damage to organs through prolonged or repeated exposure.
- **Precautionary statements**  
P260 Do not breathe dust.  
P284 In case of inadequate ventilation wear respiratory protection.  
P314 Get medical advice/attention if you feel unwell.  
P308+P313 IF exposed or concerned: Get medical advice/attention.  
P405 Store locked up.  
P501 Dispose of contents/container in accordance with local/regional/national/international regulations.
- **Classification system:**
- **NFPA ratings (scale 0 - 4)**



Health = 0  
Fire = 0  
Reactivity = 0

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- **HMIS-ratings (scale 0 - 4)**

HEALTH	0	Health = 0
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

- **2.3 Other hazards**
- **Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.

### 3: Composition/information on ingredients

- **3.2 Chemical characterization: Mixtures**
- **Description:** Filler/ Extender

- **Dangerous components:**

14808-60-7	Quartz (SiO <sub>2</sub> )	 Carc. 1A, H350	50-100%
14808-60-7	Quartz (SiO <sub>2</sub> )	 Carc. 1A, H350; STOT RE 1, H372	25-50%

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

### 4: First-aid measures

- **4.1 Description of 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.
- **4.2 Most important symptoms and effects, both acute and delayed**  
No further relevant information available.
- **4.3 Indication of any immediate medical attention and special treatment needed**  
No further relevant information available.

### 5: Fire-fighting measures

- **5.1 Extinguishing media**
- **Suitable extinguishing agents:**  
CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **For safety reasons unsuitable extinguishing agents:** Water with full jet
- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** Wear self-contained respiratory protective device.

### 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures**  
Wear protective equipment. Keep unprotected persons away.
- **6.2 Environmental precautions:** No special measures required.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.
- **6.4 Reference to other sections**  
No dangerous substances are released.  
See Section 7 for information on safe handling.

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See Section 8 for information on personal protection equipment.  
See Section 13 for disposal information.

### 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **7.2 Conditions for safe storage, including any incompatibilities**
- **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.
- **7.3 Specific end use(s)** No further relevant information available.

### 8: Exposure controls/personal protection

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

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

#### 14808-60-7 Quartz (SiO<sub>2</sub>)

PEL	see Quartz listing
REL	Long-term value: 0.05* mg/m <sup>3</sup> *respirable dust; See Pocket Guide App. A
TLV	Long-term value: 0.025* mg/m <sup>3</sup> *as respirable fraction

- **Additional information:** The lists that were valid during the creation were used as basis.
- **8.2 Exposure controls**
- **Personal protective equipment:**
- **General protective and hygienic measures:**  
The usual precautionary measures for handling chemicals should be followed.
- **Breathing equipment:**  
In case of brief exposure or low pollution use respiratory filter device. In case of intensive or longer exposure use respiratory protective device that is independent of circulating air.
- **Recommended filter device for short term use:** Filter P2
- **Protection of hands:**  
The glove material has to be impermeable and resistant to the product/ the substance/ the preparation.  
Selection of the glove material on consideration of the penetration times, rates of diffusion and the degradation (EN 374)
- **Material of gloves**  
Strong gloves  
Butyl rubber, BR
- **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

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### 9: Physical and chemical properties

#### · 9.1 Information on basic physical and chemical properties

##### · General Information

##### · Appearance:

Form:	Powder
Color:	Light beige
Odor:	Odorless
Odor threshold:	Not determined.

· pH-value: Not applicable.

##### · Change in condition

Melting point/Melting range:	> 1700 °C
Boiling point/Boiling range:	2230 °C (4046 °F)

· Flash point: Not applicable.

· Flammability (solid, gaseous): Not determined.

##### · Ignition temperature:

Decomposition temperature: Not determined.

· Auto igniting: Product is not selfigniting.

· Danger of explosion: Product does not present an explosion hazard.

##### · Explosion limits:

Lower:	Not determined.
Upper:	Not determined.

· Vapor pressure: Not applicable.

· Density at 20 °C (68 °F): 2.31 g/cm<sup>3</sup> (19.277 lbs/gal)

· Bulk density: 1.2 g/cm<sup>3</sup> (10.014 lbs/gal)

· Relative density: Not determined.

· Vapor density: Not applicable.

· Evaporation rate: Not applicable.

##### · Solubility in / Miscibility with

Water: Insoluble.

· Partition coefficient (n-octanol/water): Not determined.

##### · Viscosity:

Dynamic: Not applicable.

Kinematic: Not applicable.

· 9.2 Other information: No further relevant information available.

### 10: Stability and reactivity

· 10.1 Reactivity: No further relevant information available.

##### · 10.2 Chemical stability

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

No decomposition if used according to specifications.

· 10.3 Possibility of hazardous reactions: No dangerous reactions known.

· 10.4 Conditions to avoid: No further relevant information available.

· 10.5 Incompatible materials: Reacts with alkali, amines and strong acids.

· 10.6 Hazardous decomposition products: No dangerous decomposition products known.

· Additional information: No special measures required.

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- |   |                 |
|---|-----------------|
| <b>· 14.3 Transport hazard class(es)</b>  |                 |
| <b>· DOT, ADR, ADN, IMDG, IATA</b>  |                 |
| <b>· Class</b>  | Void            |
| <b>· 14.4 Packing group</b>   |                 |
| <b>· DOT, ADR, IMDG, IATA</b>   | Void            |
| <b>· 14.5 Environmental hazards:</b>  |                 |
| <b>· Marine pollutant:</b>  | No              |
| <b>· 14.6 Special precautions for user</b>  | Not applicable. |
| <b>· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</b> | Not applicable. |
| <b>· UN "Model Regulation":</b>   | Void            |

## 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture**
- Sara**

<b>· Section 355 (extremely hazardous substances):</b>
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None of the ingredient is listed.
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<b>· Section 313 (Specific toxic chemical listings):</b>
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None of the ingredients is listed.
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<b>· TSCA (Toxic Substances Control Act):</b>
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All ingredients are listed.
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<b>· Proposition 65</b>
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<b>· Chemicals known to cause cancer:</b>
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14808-60-7	Quartz (SiO <sub>2</sub> )	
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<b>· Chemicals known to cause reproductive toxicity for females:</b>
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None of the ingredients is listed.
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<b>· Chemicals known to cause reproductive toxicity for males:</b>
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None of the ingredients is listed.
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<b>· Chemicals known to cause developmental toxicity:</b>
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None of the ingredients is listed.
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<b>· Cancerogenity categories</b>
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<b>· EPA (Environmental Protection Agency)</b>
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None of the ingredients is listed.
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<b>· TLV (Threshold Limit Value established by ACGIH)</b>
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14808-60-7	Quartz (SiO <sub>2</sub> )	A2
14808-60-7	Quartz (SiO <sub>2</sub> )	A2

<b>· MAK (German Maximum Workplace Concentration)</b>
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14808-60-7	Quartz (SiO <sub>2</sub> )	1
14808-60-7	Quartz (SiO <sub>2</sub> )	1

<b>· NIOSH-Ca (National Institute for Occupational Safety and Health)</b>
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All ingredients are listed.
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<b>· AGW (German Workplace Threshold Value)</b>
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None of the ingredients is listed.
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- **National regulations:**
- **Water hazard class:** Generally not hazardous for water.
- **15.2 Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

**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 SDS:** Silikal America
- **Date of preparation / last revision** 04/28/2016 / 8
- **Abbreviations and acronyms:**  
Carc. 1A: Carcinogenicity, Hazard Category 1A  
STOT RE 1: Specific target organ toxicity - Repeated exposure, Hazard Category 1
- \* **Data compared to the previous version altered.**

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