



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

# Safety Data Sheet

acc. to OSHA HCS

Printing date 04/27/2016

Reviewed on 03/11/2016

## 1: Identification

- **1.1 Product identifier**
- **Trade name: SILIKAL R 7/17 Powder**
- **Application of the substance / the preparation:** Coating material
- **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

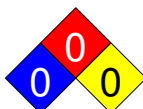
## 2: Hazard(s) identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Skin Sens. 1 H317 May cause an allergic skin reaction.  
Carc. 1A H350 May cause cancer.
- **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**



GHS07 GHS08

- **Signal word** Danger
- **Hazard-determining components of labeling:**  
Quartz (SiO<sub>2</sub>)  
dibenzoyl peroxide
- **Hazard statements**  
H317 May cause an allergic skin reaction.  
H350 May cause cancer.
- **Precautionary statements**  
P261 Avoid breathing dust/fume/gas/mist/vapors/spray  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P280 Wear protective gloves.  
P302+P352 IF ON SKIN: Wash with plenty of water.  
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:** Mixture of the substances listed below with nonhazardous additions.

- **Dangerous components:**

14808-60-7	Quartz (SiO <sub>2</sub> ) ☠ Carc. 1A, H350	50-100%
94-36-0	dibenzoyl peroxide ☠ ☠ Org. Perox. B, H241; ⚠ Eye Irrit. 2A, H319; Skin Sens. 1, H317	≤ 0.5%
13463-67-7	titanium dioxide ☠ Carc. 2, H351	≤ 0.5%

- **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.
- **5.2 Special hazards arising from the substance or mixture**  
No further relevant information available.
- **5.3 Advice for firefighters**
- **Protective equipment:** No special measures required.

### 6: Accidental release measures

- **6.1 Personal precautions, protective equipment and emergency procedures** Not required.
- **6.2 Environmental precautions:** Do not allow to enter sewers/ surface or ground water.
- **6.3 Methods and material for containment and cleaning up:** Pick up mechanically.

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- **6.4 Reference to other sections** No dangerous substances are released.

### 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:**  
Workplace must be properly ventilated and monitored to maintain air quality below the TLV.  
Not required.
- **Recommended filter device for short term use:** Filter P1
- **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**  
Leather 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: Different according to coloring

· Odor: Nearly odorless

· Odor threshold: Not determined.

· pH-value: Not applicable.

##### · Change in condition

Boiling point/Boiling range: Undetermined.

· 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: Not determined.

· Bulk density: 1.35 g/cm<sup>3</sup> (11.266 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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Do not allow to enter sewers/ surface or ground water.

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### 11: Toxicological information

- **11.1 Information on toxicological effects**
- **Acute toxicity:** Based on available data, the classification criteria are not met.
- **Primary irritant effect:**
- **on the skin:** Based on available data, the classification criteria are not met.
- **on the eye:** Based on available data, the classification criteria are not met.
- **Sensitization:**  
May cause an allergic skin reaction.
- **Additional toxicological information:**
- **Carcinogenic categories**

- **IARC (International Agency for Research on Cancer)**

14808-60-7	Quartz (SiO <sub>2</sub> )	1
9011-14-7	Polymethylmethacrylat	3
94-36-0	dibenzoyl peroxide	3
13463-67-7	titanium dioxide	2B

- **NTP (National Toxicology Program)**

14808-60-7	Quartz (SiO <sub>2</sub> )	K
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- **OSHA-Ca (Occupational Safety & Health Administration)**

None of the ingredients is listed.

### 12: Ecological information

- **12.1 Toxicity**
- **Aquatic toxicity:** No further relevant information available.
- **12.2 Persistence and degradability** No further relevant information available.
- **12.3 Bioaccumulative potential** No further relevant information available.
- **12.4 Mobility in soil** No further relevant information available.
- **Additional ecological information:**
- **General notes:**  
Water hazard class 1 (Self-assessment): slightly hazardous for water  
Do not allow undiluted product or large quantities of it to reach ground water, water course or sewage system.
- **12.5 Results of PBT and vPvB assessment**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **12.6 Other adverse effects** No further relevant information available.

### 13: Disposal considerations

- **13.1 Waste treatment methods**
- **Recommendation:** Smaller quantities can be disposed of with household waste.
- **Uncleaned packagings:**
- **Recommendation:** Disposal must be made according to official regulations.

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## 14: Transport information

- |   |                 |
|---|-----------------|
| <ul style="list-style-type: none"> <li>· 14.1 UN-Number</li> <li>· DOT, ADR, ADN, IMDG, IATA</li> </ul>                                   | Void            |
| <ul style="list-style-type: none"> <li>· 14.2 UN proper shipping name</li> <li>· DOT, ADR, ADN, IMDG, IATA</li> </ul>                     | Void            |
| <ul style="list-style-type: none"> <li>· 14.3 Transport hazard class(es)</li> <li>· DOT, ADR, ADN, IMDG, IATA</li> <li>· Class</li> </ul> | Void            |
| <ul style="list-style-type: none"> <li>· 14.4 Packing group</li> <li>· DOT, ADR, IMDG, IATA</li> </ul>                                    | Void            |
| <ul style="list-style-type: none"> <li>· 14.5 Environmental hazards:</li> <li>· Marine pollutant:</li> </ul>                              | No              |
| <ul style="list-style-type: none"> <li>· 14.6 Special precautions for user</li> </ul>   | Not applicable. |
| <ul style="list-style-type: none"> <li>· 14.7 Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code</li> </ul>          | Not applicable. |
| <ul style="list-style-type: none"> <li>· UN "Model Regulation":</li> </ul>  | Void            |

## 15: Regulatory information

- 15.1 Safety, health and environmental regulations/legislation specific for the substance or mixture
  - Sara
- |   |   |    |
|---|---|----|
| <ul style="list-style-type: none"> <li>· Section 355 (extremely hazardous substances):</li> </ul>               | None of the ingredient is listed.       |    |
| <ul style="list-style-type: none"> <li>· Section 313 (Specific toxic chemical listings):</li> </ul>             | 94-36-0   dibenzoyl peroxide            |    |
| <ul style="list-style-type: none"> <li>· TSCA (Toxic Substances Control Act):</li> </ul>                        | All ingredients are listed.             |    |
| <ul style="list-style-type: none"> <li>· Proposition 65</li> </ul>  |   |    |
| <ul style="list-style-type: none"> <li>· Chemicals known to cause cancer:</li> </ul>                            | 14808-60-7   Quartz (SiO <sub>2</sub> ) |    |
|   | 13463-67-7   titanium dioxide           |    |
| <ul style="list-style-type: none"> <li>· Chemicals known to cause reproductive toxicity for females:</li> </ul> | None of the ingredients is listed.      |    |
| <ul style="list-style-type: none"> <li>· Chemicals known to cause reproductive toxicity for males:</li> </ul>   | None of the ingredients is listed.      |    |
| <ul style="list-style-type: none"> <li>· Chemicals known to cause developmental toxicity:</li> </ul>            | None of the ingredients is listed.      |    |
| <ul style="list-style-type: none"> <li>· Cancerogenity categories</li> </ul>                                    |   |    |
| <ul style="list-style-type: none"> <li>· EPA (Environmental Protection Agency)</li> </ul>                       | None of the ingredients is listed.      |    |
| <ul style="list-style-type: none"> <li>· TLV (Threshold Limit Value established by ACGIH)</li> </ul>            |   |    |
|   | 14808-60-7   Quartz (SiO <sub>2</sub> ) | A2 |
|   | 94-36-0   dibenzoyl peroxide            | A4 |
|   | 13463-67-7   titanium dioxide           | A4 |

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115-86-6	triphenyl phosphate	A4
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**· MAK (German Maximum Workplace Concentration)**

14808-60-7	Quartz (SiO <sub>2</sub> )	1
13463-67-7	titanium dioxide	3A

**· NIOSH-Ca (National Institute for Occupational Safety and Health)**

14808-60-7	Quartz (SiO <sub>2</sub> )	
13463-67-7	titanium dioxide	

**· AGW (German Workplace Threshold Value)**

None of the ingredients is listed.

**· National regulations:**
**· Technical instructions (air):**

Class	Share in %
I	≤ 0,5

**· Water hazard class:** Water hazard class 1 (Self-assessment): slightly 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** 04/27/2016 / 2

**· Abbreviations and acronyms:**

Org. Perox. B: Organic Peroxides, Type B  
 Eye Irrit. 2A: Serious eye damage/eye irritation, Hazard Category 2A  
 Skin Sens. 1: Sensitisation - Skin, Hazard Category 1  
 Carc. 1A: Carcinogenicity, Hazard Category 1A  
 Carc. 2: Carcinogenicity, Hazard Category 2

**· \* Data compared to the previous version altered.**

US