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# Safety Data Sheet

acc. to OSHA HCS

Printing date 04/28/2016

Reviewed on 04/28/2016

## 1: Identification

- **1.1 Product identifier**
- **Trade name: SILIKAL America CQ**
- **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

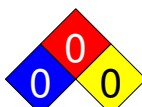
## 2: Hazard(s) identification

- **2.1 Classification of the substance or mixture**
- **Classification according to Regulation (EC) No 1272/2008**  
Carc. 1A H350 May cause cancer.
- **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>)
- **Hazard statements**  
H350 May cause cancer.
- **Precautionary statements**  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P201 Obtain special instructions before use.  
P202 Do not handle until all safety precautions have been read and understood.  
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.
- **Additional information:** This product contains less than 1% quartz (respirable).
- **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** Not applicable.
- **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%
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- **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:**  
Rinse opened eye for several minutes under running water. If symptoms persist, consult a 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:** Water spray
- **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**  
Avoid formation of dust.
- **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.

### 7: Handling and storage

- **7.1 Precautions for safe handling** No special measures required.

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- **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:

Suitable respiratory protective device recommended.

##### Recommended filter device for short term use:

Filter P2

##### Protection of hands:



Protective gloves

##### 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:

Safety glasses

### 9: Physical and chemical properties

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

##### General Information

##### Appearance:

Form:	Solid
Color:	Different according to coloring
Odor:	Characteristic
Odor threshold:	Not determined.

· **pH-value:** Not applicable.

##### Change in condition

· **Melting point/Melting range:** > 1600 °C (> 2912 °F)

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<b>Boiling point/Boiling range:</b>	Undetermined.
· <b>Flash point:</b>	Not applicable.
· <b>Flammability (solid, gaseous):</b>	Not determined.
· <b>Ignition temperature:</b>	
<b>Decomposition temperature:</b>	Not determined.
· <b>Auto igniting:</b>	Product is not selfigniting.
· <b>Danger of explosion:</b>	Product does not present an explosion hazard.
· <b>Explosion limits:</b>	
<b>Lower:</b>	Not determined.
<b>Upper:</b>	Not determined.
· <b>Vapor pressure:</b>	Not applicable.
· <b>Density at 20 °C (68 °F):</b>	2.6 g/cm <sup>3</sup> (21.697 lbs/gal)
· <b>Bulk density at 20 °C (68 °F):</b>	1.4 g/cm <sup>3</sup> (11.683 lbs/gal)
· <b>Relative density</b>	Not determined.
· <b>Vapor density</b>	Not applicable.
· <b>Evaporation rate</b>	Not applicable.
· <b>Solubility in / Miscibility with Water:</b>	Insoluble.
· <b>Partition coefficient (n-octanol/water):</b>	Not determined.
· <b>Viscosity:</b>	
<b>Dynamic:</b>	Not applicable.
<b>Kinematic:</b>	Not applicable.
· <b>9.2 Other information</b>	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.

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

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- **Additional toxicological information:**

- **Carcinogenic categories**

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

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- **NTP (National Toxicology Program)**

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

K

- **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:** Generally not hazardous for water.

- **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:**

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.

- **Uncleaned packagings:**

- **Recommendation:** Disposal must be made according to official regulations.

## 14: Transport information

- **14.1 UN-Number**

- **DOT, ADR, ADN, IMDG, IATA**

Void

- **14.2 UN proper shipping name**

- **DOT, ADR, ADN, IMDG, IATA**

Void

- **14.3 Transport hazard class(es)**

- **DOT, ADR, ADN, IMDG, IATA**

- **Class**

Void

- **14.4 Packing group**

- **DOT, ADR, IMDG, IATA**

Void

- **14.5 Environmental hazards:**

- **Marine pollutant:**

No

- **14.6 Special precautions for user**

Not applicable.

- **14.7 Transport in bulk according to Annex II**

- **of MARPOL73/78 and the IBC Code**

Not applicable.

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· UN "Model Regulation": Void

### 15: Regulatory information

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

- **Sara**

- **Section 355 (extremely hazardous substances):**

None of the ingredient is listed.

- **Section 313 (Specific toxic chemical listings):**

None of the ingredients is listed.

- **TSCA (Toxic Substances Control Act):**

All ingredients are listed.

- **Proposition 65**

- **Chemicals known to cause cancer:**

All ingredients are listed.

- **Chemicals known to cause reproductive toxicity for females:**

None of the ingredients is listed.

- **Chemicals known to cause reproductive toxicity for males:**

None of the ingredients is listed.

- **Chemicals known to cause developmental toxicity:**

None of the ingredients is listed.

- **Carcinogenity categories**

- **EPA (Environmental Protection Agency)**

None of the ingredients is listed.

- **TLV (Threshold Limit Value established by ACGIH)**

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

A2

- **MAK (German Maximum Workplace Concentration)**

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

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

All ingredients are listed.

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

None of the ingredients is listed.

- **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 / 13

- **Abbreviations and acronyms:**

Carc. 1A: Carcinogenicity, Hazard Category 1A

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