



**Pictogram**



**Signal word**

**Danger**

**Hazard statement(s)**

H335  
H350  
H372

May cause respiratory irritation  
May cause cancer [by inhalation]  
Causes damage to organs through prolonged or repeated exposure [by inhalation]

**Precautionary statement(s)**

P201  
P202  
P260  
P264  
P270  
P271  
P280  
P304+P340  
P308+P313  
P314  
P403  
P405  
P501

Obtain special instructions before use.  
Do not handle until all safety precautions have been read and understood.  
Do not breathe dust.  
Wash thoroughly after handling.  
Do not eat, drink or smoke when using this product.  
Use only outdoors or in a well-ventilated area.  
Wear protective gloves/protective clothing/eye protection/face protection.  
IF INHALED: Remove person to fresh air and keep comfortable for breathing.  
IF exposed or concerned: Get medical advice/attention.  
Get medical advice/attention if you feel unwell.  
Store in a well-ventilated place.  
Store locked up.  
Dispose of contents/container in accordance with local/regional/national/international regulations

**2.3 Other hazards which do not result in classification**

Exposure to dust may also cause eye and skin irritation.

**SECTION 3: Composition/information on ingredients**

**3.1 Substances**

Not applicable.

**3.2 Mixtures**

**Components\***

| <b>Component</b>                         | <b>Concentration</b> |
|--|----------------------|
| Crystalline silica (CAS no.: 14808-60-7) | <100% (weight)       |
| Cured resin                              | <100% (weight)       |

**Trade secret statement (OSHA 1910.1200(i))**

\*The specific chemical identities and/or actual concentrations or actual concentration ranges for one or more listed components are being withheld as trade secrets under the US regulation 29 CFR 1910.1200(i).

**SECTION 4: First-aid measures**

**4.1 Description of necessary first-aid measures**

General advice

Consult a physician. Show this safety data sheet to the doctor in attendance.

|                         |  |
|-------------------------|--|
| If inhaled              | Not relevant for the product in a slab form. For exposure to dust: If breathed in, move into fresh air. Call a poison center or doctor if you feel unwell.   |
| In case of skin contact | Not normally required for the product in a slab form. For exposure to dust: Wash with water. Call a poison center or doctor if irritation develops or persists.  |
| In case of eye contact  | Not relevant for the product in a slab form. For exposure to dust: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.   |
| If swallowed            | Not a likely route of exposure. Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. |

#### **4.2 Most important symptoms/effects, acute and delayed**

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

|                         |   |
|-------------------------|---|
| If inhaled              | Not relevant for the product in a slab form. Exposure to dust may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain. Prolonged inhalation of respirable crystalline silica above certain concentrations may cause lung diseases, including silicosis and lung cancer. |
| In case of skin contact | The product in a slab form is not normally hazardous. Working with broken or cut slabs produces a potential for cuts to the hands and exposed body parts. Exposure to dust may cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.  |
| In case of eye contact  | Not relevant for the product in a slab form. Exposure to dust may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.  |
| If swallowed            | Not a likely route of exposure. May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.   |

#### **4.3 Indication of immediate medical attention and special treatment needed, if necessary**

Treat symptomatically and supportively.

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### **SECTION 5: Fire-fighting measures**

#### **5.1 Suitable extinguishing media**

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

#### **5.2 Specific hazards arising from the chemical**

No data available

#### **5.3 Special protective actions for fire-fighters**

Wear self-contained breathing apparatus for firefighting if necessary.

#### **Further information**

No data available

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## SECTION 6: Accidental release measures

### 6.1 Personal precautions, protective equipment and emergency procedures

Avoid actions that cause dust generation. Ensure adequate ventilation. Do not breathe dust. Wear appropriate personal protective equipment as described in Section 8.

### 6.2 Environmental precautions

Do not let product enter drains.

### 6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

#### Reference to other sections

For disposal see section 13.

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## SECTION 7: Handling and storage

### 7.1 Precautions for safe handling

Handle in accordance with good industrial hygiene and safety practices. Minimize dust generation and accumulation. Avoid inhalation of dust. Wash hands with soap and water after handling. Wear appropriate personal protective equipment as described in Section 8. Foot protection may be required due to product weight.

### 7.2 Conditions for safe storage, including any incompatibilities

Store in a dry well-ventilated area.

#### Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

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## SECTION 8: Exposure controls/personal protection

### 8.1 Control parameters

Particles not otherwise classified (PNOC)

PEL-TWA (OSHA): 5 mg/m<sup>3</sup> (respirable fraction), 15 mg/m<sup>3</sup> (total dust).

TLV®-TWA (ACGIH®): 3 mg/m<sup>3</sup> (respirable particles); 10 mg/m<sup>3</sup> (inhalable particles).

Quartz (CAS no.: 14808-60-7)

PEL-TWA (OSHA): 50 µg/m<sup>3</sup> [25 µg/m<sup>3</sup> Action Level]

REL-TWA (NIOSH): 0.05 mg/m<sup>3</sup>

TLV®-TWA (ACGIH®): 0.025 mg/m<sup>3</sup> (respirable particulate matter).

### 8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures below recommended exposure limits if operations generate dust or fines.

### 8.3 Individual protection measures, such as personal protective equipment (PPE)

#### Pictograms



#### Eye/face protection

When engaged in activities with dust, chips, and fines generation, wear safety glasses with side shields or goggles. Eye protection equipment must be tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

**Skin protection**

Wear gloves suitable for protection against cuts and abrasions from sharp edges. Consult manufacturer specifications for further information.

**Body protection**

Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace. Safety shoes are required when handling or moving heavy weight products.

**Respiratory protection**

Where risk assessment shows air-purifying respirators are appropriate use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

**Thermal hazards**

No data available.

**Environmental exposure controls**

Do not let product enter drains.

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**SECTION 9: Physical and chemical properties**

**Information on basic physical and chemical properties**

|   |                                |
|---|--------------------------------|
| Appearance/form (physical state, color, etc.) | Solid slabs of multiple colors |
| Odor  | Odorless.                      |
| Odor threshold                                | Not applicable.                |
| pH  | Not applicable.                |
| Melting point/freezing point                  | No data available.             |
| Initial boiling point and boiling range       | Not applicable.                |
| Flash point                                   | Not applicable.                |
| Evaporation rate                              | Not applicable.                |
| Flammability (solid, gas)                     | No data available.             |
| Upper/lower flammability limits               | Not applicable.                |
| Upper/lower explosive limits                  | Not applicable.                |
| Vapor pressure                                | Not applicable.                |
| Vapor density                                 | Not applicable.                |
| Relative density                              | No data available.             |
| Solubility(ies)                               | Not soluble in water.          |
| Partition coefficient: n-octanol/water        | Not applicable.                |
| Auto-ignition temperature                     | Not applicable.                |
| Decomposition temperature                     | No data available.             |
| Viscosity                                     | Not applicable.                |
| Explosive properties                          | Not explosive.                 |
| Oxidizing properties                          | Not oxidizing.                 |

**Other safety information**

No data available.

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**SECTION 10: Stability and reactivity**

**10.1 Reactivity**

Non-reactive under normal use conditions.

**10.2 Chemical stability**

Stable under normal storage conditions.

**10.3 Possibility of hazardous reactions**

No data available.

**10.4 Conditions to avoid**

No data available

**10.5 Incompatible materials**

Hydrofluoric acid (HF) and strong oxidizing agents.

**10.6 Hazardous decomposition products**

Carbon oxides.

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**SECTION 11: Toxicological information**

**Information on toxicological effects**

**Acute toxicity**

Based on available data, classification data are not met

Likely Routes of Exposure: Eye contact. Skin contact. Inhalation.

Acute and delayed symptoms and effects from inhalation, skin and eye contact and ingestion are listed in Section 4.

**Skin corrosion/irritation**

Exposure to dust may cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.

**Serious eye damage/irritation**

Exposure to dust may cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.

**Respiratory or skin sensitization**

No data available.

**Germ cell mutagenicity**

No data available.

**Carcinogenicity**

May cause cancer by inhalation of dust.

IARC: Product contains crystalline silica, which is classified as carcinogenic to humans (Group 1).

NTP: Product contains crystalline silica, which is classified as known to be a human carcinogen.

**Reproductive toxicity**

No data available.

**STOT-single exposure**

Exposure to dust may cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.

**STOT-repeated exposure**

Causes damage to organs through prolonged or repeated exposure by inhalation of dust.

**Aspiration hazard**

No data available.

**Additional information**

Product contains crystalline silica. Prolonged inhalation of respirable crystalline silica may cause lung disease, silicosis, lung cancer and other effects. If exposed or concerned: Get medical advice/attention.

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**SECTION 12: Ecological information**

**Toxicity**

No data available on product

**Persistence and degradability**

No data available on product

**Bioaccumulative potential**

No data available on product

**Mobility in soil**

No data available.

**Results of PBT and vPvB assessment**

PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

**Other adverse effects**

No data available.

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**SECTION 13: Disposal considerations**

**Disposal of the product**

Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.

**Disposal of contaminated packaging**

Dispose of as unused product.

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**SECTION 14: Transport information**

**DOT (US)**

Not dangerous goods

**IMDG**

Not dangerous goods

**IATA**

Not dangerous goods

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**SECTION 15: Regulatory information**

**15.1 Safety, health and environmental regulations specific for the product in question**

**California Prop. 65 Components**

WARNING: This product can expose you to chemicals including Crystalline silica, which is known to the State of California to cause cancer. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

**SARA 302 Components**

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

**SARA 311/312 Hazards**

For exposure to dust: Acute health hazard, Chronic health hazard.

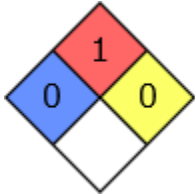
**SARA 313 Components**

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

**HMIS Rating (In a slab form)**

| Cosmos Quartz Surfacing |   |
|-------------------------|---|
| HEALTH                  | 0 |
| FLAMMABILITY            | 1 |
| PHYSICAL HAZARD         | 0 |
| PERSONAL PROTECTION     |   |

**NFPA Rating (In a slab form)**



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**SECTION 16: Other information**

**16.1 Further information/disclaimer**

Date of issue: December 24, 2019.

DISCLAIMER: The information above is believed to be accurate and represents the best information currently available to us. However, we make no warranty of merchantability or any other warranty, express or implied, with respect to such information, and we assume no liability resulting from its use. Users should make their own investigation to determine the suitability of information for their particular purposes. All materials may present unknown hazards and should be used with caution. In no event shall we be held liable for any claims, losses, or damages of any third party or for lost profits or any special, indirect, incidental, consequential or exemplary damages, whatsoever arising, even if we have been advised of the possibility of such damages.