

## Safety Data Sheet (SDS)

OSHA HazCom Standard 29 CFR 1910.1200(g) and GHS Rev 03.

Issue date 02/10/2016

Reviewed on 02/10/2016

### 1 Identification

- **Product Identifier**
- **Trade name:** QuartzStone
- **Relevant identified uses of the substance or mixture and uses advised against:**  
Stone agglomerate for indoor use; kitchen and bathroom counters, flooring, wall cladding, stairs etc.
- **Product Description** Stone agglomerate
- **Application of the substance / the mixture:**  
Stone agglomerate for indoor use; kitchen and bathroom counters, flooring, wall cladding, stairs etc.
- **Details of the Supplier of the Safety Data Sheet:**
- **Manufacturer/Supplier:**  
IceStone LLC  
63 Flushing Ave, Bldg. 12  
Brooklyn Navy Yard  
Brooklyn, NY 11205  
Phone: 718 624 4900  
Fax: 718 624 4002  
www.icestoneusa.com
- **Emergency telephone number:** Jana Milcikova: 718 450 2212

### \* 2 Hazard(s) Identification

- **Classification of the substance or mixture:**



GHS08 Health hazard

Carc. 1A H350 May cause cancer.  
STOT SE 2 H371 May cause damage to organs.

- **Additional information:**

This product represents no hazards in its finished form, however, in the case of cutting or grinding the product, the material consists primarily of silicate aggregates and any dust produced by the process will contain silica (SiO<sub>2</sub>), the risk and safety phrases applicable for crystalline quartz dust are listed above.

- **Label elements:**

- **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

- **Hazard pictograms:**



GHS08

- **Signal word:** Danger

- **Hazard-determining components of labeling:**

Silica

- **Hazard statements:**

H350 May cause cancer.  
H371 May cause damage to organs.

- **Precautionary statements:**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.  
P280 Wear protective gloves/protective clothing/eye protection/face protection.  
P264 Wash thoroughly after handling.

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### Trade name: QuartzStone

- P270 Do not eat, drink or smoke when using this product.
- 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.
- P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.
- P405 Store locked up.
- P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **Unknown acute toxicity:**

1 % of the mixture consists of component(s) of unknown toxicity.

· **Classification system:**

· **NFPA ratings (scale 0 - 4)**



· **HMS-ratings (scale 0 - 4)**

HEALTH	1	Health = 1
FIRE	0	Fire = 0
REACTIVITY	0	Reactivity = 0

· **Hazard(s) not otherwise classified (HNOC):** None known

### \* 3 Composition/Information on Ingredients

· **Non-hazardous components:**

Quartz, Mirror, Granite, Glass, Mother of Pearl	87-93%
Polymerised polyester resin	7-13%
Pigments	<3.0%

· **Chemical characterization: Mixtures**

· **Description:** Resin mixture

· **Dangerous Components:**

1317-95-9	Silica	☠ Carc. 1A, H350; ⚠ STOT SE 3, H335
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· **Additional information:**

All the raw materials are incorporated within the three-dimensional structure of the polyester resin during the production process and are therefore trapped and not readily available. The hazards associated with the silica are only present if the product is cut or ground and dust is generated.

### 4 First-Aid Measures

· **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.

· **After swallowing:** If swallowed and symptoms occur, consult a doctor.

· **Information for doctor:**

· **Most important symptoms and effects, both acute and delayed:** No further relevant information available.

· **Indication of any immediate medical attention and special treatment needed:**

No further relevant information available.

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### 5 Fire-Fighting Measures

- **Extinguishing media:**
- **Suitable extinguishing agents:** CO<sub>2</sub>, extinguishing powder or water spray. Fight larger fires with water spray or alcohol resistant foam.
- **Special hazards arising from the substance or mixture:** No further relevant information available.
- **Advice for firefighters:**
- **Protective equipment:** As in any fire, wear self-contained breathing apparatus pressure-demand (NIOSH approved or equivalent) and full protective gear to prevent contact with skin and eyes.

### 6 Accidental Release Measures

- **Personal precautions, protective equipment and emergency procedures:** Not required.
- **Environmental precautions:** No special measures required.
- **Methods and material for containment and cleaning up:** Dispose of the collected material according to regulations.
- **Reference to other sections:**
  - See Section 7 for information on safe handling.
  - See Section 8 for information on personal protection equipment.
  - See Section 13 for disposal information.

### 7 Handling and Storage

- **Handling**
- **Precautions for safe handling:** No special measures required.
- **Information about protection against explosions and fires:** No special measures required.
- **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:** None.
- **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 section 7.
- **Control parameters:**
- **Components with occupational exposure limits:** The product does not contain any relevant quantities of materials with critical values that have to be monitored at the workplace.
- **Additional information:** The lists that were valid during the creation of this SDS were used as basis.
- **Exposure controls:**
- **Personal protective equipment:**
- **General protective and hygienic measures:** In the case of cutting or grinding this material, please observe the below personal protection equipment recommendations.
- **Breathing equipment:**



NIOSH approved respirator, as conditions warrant.

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· **Protection of hands:**



Protective gloves

· **Eye protection:**



Tightly sealed goggles

**9 Physical and Chemical Properties**

· **Information on basic physical and chemical properties**

· **General Information**

· **Appearance:**

**Form:** Solid

**Color:** Various colors

· **Odor:** Odorless

· **Odor threshold:** Not determined.

· **pH-value:** Not applicable.

· **Change in condition**

**Melting point/Melting range:** Not determined.

**Boiling point/Boiling range:** Not determined.

· **Flash point:** None

· **Flammability (solid, gaseous):** Not determined.

· **Ignition temperature:** Not determined

· **Decomposition temperature:** Not determined.

· **Auto igniting:** Product is not self-igniting.

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

· **Explosion limits:**

**Lower:** Not determined.

**Upper:** Not determined.

· **Vapor pressure:** Not applicable.

· **Density:**

**Relative density:** Not determined.

**Vapor density:** Not applicable.

**Evaporation rate:** Not applicable.

· **Solubility in / Miscibility with:**

**Water:** Soluble.

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

· **Viscosity:**

**Dynamic:** Not applicable.

**Kinematic:** Not applicable.

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- **Solvent content:**
- Organic solvents:** 0.0 %
- **Other information:** No further relevant information available.

**10 Stability and Reactivity**

- **Reactivity:** No further relevant information available.
- **Chemical stability:** Stable under normal conditions.
- **Thermal decomposition / conditions to be avoided:** No decomposition if used according to specifications.
- **Possibility of hazardous reactions:** No dangerous reactions known.
- **Conditions to avoid:** No further relevant information available.
- **Incompatible materials:** No further relevant information available.
- **Hazardous decomposition products:** No dangerous decomposition products known.

**\* 11 Toxicological Information**

- **Information on toxicological effects:**
- **Acute toxicity:**
- **Primary irritant effect:**
- **On the skin:** No irritating effect.
- **On the eye:** No irritating effect.
- **Additional toxicological information:**  
The product shows the following dangers according to internally approved calculation methods for preparations:
- **Carcinogenic categories:**

· <b>IARC (International Agency for Research on Cancer):</b>		
1317-95-9	Silica	1
· <b>NTP (National Toxicology Program):</b>		
1317-95-9	Silica	K
· <b>OSHA-Ca (Occupational Safety &amp; Health Administration):</b>		
None of the ingredients are listed.		

**\* 12 Ecological Information**

- **Toxicity:**
- **Aquatic toxicity:** No further relevant information available.
- **Persistence and degradability:** No further relevant information available.
- **Behavior in environmental systems:**
- **Bioaccumulative potential:** No further relevant information available.
- **Mobility in soil:** No further relevant information available.
- **Results of PBT and vPvB assessment:**
- **PBT:** Not applicable.
- **vPvB:** Not applicable.
- **Other adverse effects:** No further relevant information available.

**13 Disposal Considerations**

- **Waste treatment methods:**
- **Recommendation:**  
Smaller quantities can be disposed of with household waste.  
Observe all federal, state and local environmental regulations when disposing of this material.

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- **Uncleaned packagings**
- **Recommendation:** Disposal must be made according to official regulations.
- **Recommended cleansing agent:** Water, if necessary with cleansing agents.

**14 Transport Information**

- **UN-Number:** Non-Regulated Material
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **UN proper shipping name:** Non-Regulated Material
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **Transport hazard class(es):**
- **DOT, ADR, ADN, IMDG, IATA** Non-Regulated Material
- **Class:** Non-Regulated Material
- **Packing group:**
- **DOT, ADR, IMDG, IATA** Non-Regulated Material
- **Environmental hazards:** Not applicable.
- **Special precautions for user:** Not applicable.
- **Transport in bulk according to Annex II of MARPOL73/78 and the IBC Code:** Not applicable.
- **UN "Model Regulation":** Non-Regulated Material

**\*15 Regulatory Information**

- **Safety, health and environmental regulations/legislation specific for the substance or mixture:**
- **SARA (Superfund Amendments and Reauthorization):**

<b>Section 355 (extremely hazardous substances):</b>	None of the ingredients are listed.
<b>Section 313 (Specific toxic chemical listings):</b>	None of the ingredients are listed.
<b>TSCA (Toxic Substances Control Act):</b>	1317-95-9 Silica
<b>California Proposition 65:</b>	
<b>Chemicals known to cause cancer:</b>	1317-95-9 Silica
<b>Chemicals known to cause reproductive toxicity for females:</b>	None of the ingredients are listed.
<b>Chemicals known to cause reproductive toxicity for males:</b>	None of the ingredients are listed.
<b>Chemicals known to cause developmental toxicity:</b>	None of the ingredients are listed.
<b>New Jersey Right-to-Know List:</b>	None of the ingredients are listed.
<b>New Jersey Special Hazardous Substance List:</b>	None of the ingredients are listed.
<b>Pennsylvania Special Hazardous Substance List:</b>	None of the ingredients are listed.

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· **Carcinogenic categories:**

· **EPA (Environmental Protection Agency):**

None of the ingredients are listed.

· **IARC (International Agency for Research on Cancer):** Silicon Dioxide

· **TLV (Threshold Limit Value established by ACGIH):**

None of the ingredients are listed.

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

None of the ingredients are listed.

· **GHS label elements**

The product is classified and labeled according to the Globally Harmonized System (GHS).

· **Hazard pictograms:**



GHS08

· **Signal word:** Danger

· **Hazard-determining components of labeling:**

Silica

· **Hazard statements:**

H350 May cause cancer.

H371 May cause damage to organs.

· **Precautionary statements:**

P260 Do not breathe dust/fume/gas/mist/vapors/spray.

P280 Wear protective gloves/protective clothing/eye protection/face protection.

P264 Wash thoroughly after handling.

P270 Do not eat, drink or smoke when using this product.

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.

P308+P311 IF exposed or concerned: Call a POISON CENTER/doctor.

P405 Store locked up.

P501 Dispose of contents/container in accordance with local/regional/national/international regulations.

· **National regulations:**

The product is subject to be classified according with the latest version of the regulations on hazardous substances.

· **State Right to Know:**

	Quartz, Mirror, Granite, Glass, Mother of Pearl	60-90%
	Polymerised polyester resin	5-10%
	Pigments	2-12%
1317-95-9	Silica ⚠️ Carc. 1A, H350; ⚠️ STOT SE 3, H335	
None of the ingredients are listed.		

· **Chemical safety assessment:** A Chemical Safety Assessment has not been carried out.

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### 16 Other Information

The information and recommendations in this safety data sheet are, to the best of our knowledge, accurate as of the date of issue. Nothing herein shall be deemed to create warranty, expressed or implied, and shall not establish a legally valid contractual relationship. It is the responsibility of the user to determine applicability of this information and the suitability of the material or product for any particular purpose.

· **Date of preparation / last revision:** 02/10/2016 / 2

· **Abbreviations and acronyms:**

ADR: The European Agreement concerning the International Carriage of Dangerous Goods by Road

ADN: The European Agreement concerning the International Carriage of Dangerous Goods by Inland Waterways

IMDG: International Maritime Code for Dangerous Goods

DOT: US Department of Transportation

IATA: International Air Transport Association

ACGIH: American Conference of Governmental Industrial Hygienists

EINECS: European Inventory of Existing Commercial Chemical Substances

ELINCS: European List of Notified Chemical Substances

CAS: Chemical Abstracts Service (division of the American Chemical Society)

NFPA: National Fire Protection Association (USA)

HMIS: Hazardous Materials Identification System (USA)

PBT: Persistent, Bioaccumulative and Toxic

vPvB: very Persistent and very Bioaccumulative

NIOSH: National Institute for Occupational Safety

OSHA: Occupational Safety & Health

TLV: Threshold Limit Value

PEL: Permissible Exposure Limit

REL: Recommended Exposure Limit

Carc. 1A: Carcinogenicity, Hazard Category 1A

STOT SE 2: Specific target organ toxicity - Single exposure, Hazard Category 2

STOT SE 3: Specific target organ toxicity - Single exposure, Hazard Category 3

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

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