## SECTION 1: Identification

### 1.1 Identification

Product name: Architectural Concrete Pavers

### 1.2 Relevant identified uses of the substance or mixture and uses advised against

Use of the substance/mixture: Manufacturing

### 1.3 Details of the supplier of the safety data sheet

Artistic Paver Mfg.
120 N.E. 179th Street
North Miami, FL 33162

### 1.4 Emergency telephone number

Emergency number: 305-653-7283

## SECTION 2: Hazard(s) identification

### 2.1 Classification of the substance or mixture

GHS-US classification

- Acute Tox. 4 (Oral)         H302
- Carc. 1A                  H350

Full text of hazard classes and H-statements: see section 16

### 2.2 Label elements

**GHS-US labeling**

- **Hazard pictograms (GHS-US):**
  - GHS07
  - GHS08

- **Signal word (GHS-US):** Danger

- **Hazard statements (GHS-US):**
  - H302 - Harmful if swallowed
  - H350 - May cause cancer

- **Precautionary statements (GHS-US):**
  - P201 - Obtain special instructions before use
  - P202 - Do not handle until all safety precautions have been read and understood
  - P264 - Wash thoroughly after handling
  - P270 - Do not eat, drink or smoke when using this product
  - P280 - Wear protective gloves/protective clothing/eye protection/face protection
  - P301+P312 - If swallowed: Call a poison center/doctor if you feel unwell
  - P308+P313 - If exposed or concerned: Get medical advice/attention
  - P330 - Rinse mouth
  - P405 - Store locked up
  - P501 - Dispose of contents/container in accordance with local/regional/national/international regulations.

### 2.3 Other hazards

Exposure due to cutting may aggravate pre-existing skin, respiratory, or eye conditions.

### 2.4 Unknown acute toxicity (GHS US)

Not applicable

## SECTION 3: Composition/Information on ingredients

### 3.1 Substances

Not applicable
SECTION 4: First aid measures

4.1. Description of first aid measures

First aid measures after inhalation: Seek medical attention if coughing or other symptoms develop or persist. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If the individual is not breathing, provide artificial respiration.

First aid measures after skin contact: Wash with soap and water. Seek medical attention if irritation develops or persists.

First aid measures after eye contact: Flush with plenty of water for at least 15 minutes. Seek immediate medical attention if irritation develops or persists.

First aid measures after ingestion: Obtain emergency medical attention.

4.2. Most important symptoms and effects (acute and delayed)

Symptoms after inhalation: Dusts may cause respiratory irritation. Prolonged inhalation of dusts may cause cancer.

Symptoms after skin contact: May cause skin irritation.

Symptoms after eye contact: May cause eye irritation.

Symptoms after ingestion: Harmful if swallowed.

4.3. Immediate medical attention and special treatment, if necessary

Symptoms related to inhalation of crystalline silica (quartz) exposure may not appear immediately. Symptoms of chronic silicosis if existing may be shortness of breath, wheezing and coughing. If medical advice is needed, have product container or label at hand.

SECTION 5: Fire-fighting measures

5.1. Suitable extinguishing media

Suitable extinguishing media: Use extinguishing media appropriate for surrounding fire.

5.2. Unsuitable extinguishing media

Unsuitable extinguishing media: None.

5.3. Specific hazards arising from the hazardous product

Fire hazard: Not flammable.

Explosion hazard: None known.

5.4. Special protective equipment and precautions for fire-fighters

Protection during firefighting: Firefighters should wear full protective gear.

SECTION 6: Accidental release measures

6.1. Personal precautions, protective equipment and emergency procedures

General measures: Avoid creating, spreading and breathing dust.

6.1.1. For non-emergency personnel

Protective equipment: Wear recommended personal protective equipment.

6.1.2. For emergency responders

Protective equipment: Ensure responding personnel have suitable protective equipment.

6.2. Environmental precautions

Avoid release to the environment.

6.3. Methods and material for containment and cleaning up

For containment: Collect spillage.

Methods for cleaning up: Dispose of waste in accordance with local, state and federal regulations.

6.4. Reference to other sections

For further information refer to section 8: "Exposure controls/personal protection"
SECTION 7: Handling and storage

7.1. Precautions for safe handling

Precautions for safe handling: Avoid inhalation of dusts and contact with skin and eyes. Avoid generating dust. Use OSHA approved engineered controls to dampen and remove dust from work areas if it is generated. Use only with adequate ventilation during cutting and installing.

7.2. Conditions for safe storage, including any incompatibilities

Storage conditions: No special storage conditions necessary. Avoid dust and sediment build up by cleaning the area during storage and construction activities.

SECTION 8: Exposure controls/personal protection

8.1. Control parameters

<table>
<thead>
<tr>
<th>Compound</th>
<th>ACGIH TWA (mg/m³)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
<th>US IDLH (mg/m³)</th>
<th>NIOSH REL (TWA) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>1 mg/m³ (particulate matter containing no asbestos and &lt;1% crystalline silica, respirable particulate matter)</td>
<td>15 mg/m³ (total dust)</td>
<td>5000 mg/m³</td>
<td>10 mg/m³ (total dust)</td>
</tr>
<tr>
<td>OSHA</td>
<td>5 mg/m³ (respirable fraction)</td>
<td>5 mg/m³ (respirable dust)</td>
<td>5 mg/m³ (respirable dust)</td>
<td>10 mg/m³ (total dust)</td>
</tr>
</tbody>
</table>

Quartz (14808-60-7)

<table>
<thead>
<tr>
<th>Compound</th>
<th>ACGIH TWA (mg/m³)</th>
<th>OSHA PEL (TWA) (mg/m³)</th>
<th>US IDLH (mg/m³)</th>
<th>NIOSH REL (TWA) (mg/m³)</th>
</tr>
</thead>
<tbody>
<tr>
<td>ACGIH</td>
<td>0.025 mg/m³ (respirable particulate matter)</td>
<td>50 µg/m³</td>
<td>50 mg/m³ (respirable dust)</td>
<td>0.05 mg/m³ (respirable dust)</td>
</tr>
</tbody>
</table>

8.2. Exposure controls

Appropriate engineering controls: Use adequate ventilation when using product. Vacuum or wet methods work best when available to avoid exposure to dust generation. When vacuum or wet methods are unavailable use a NIOSH approved dust mask recommended to filter out crystalline silica.

Hand protection: Wear gloves when handling.

Eye protection: In case of dust production: protective goggles.

Skin and body protection: Wear suitable working clothes.

Respiratory protection: None required under normal product handling conditions. Use NIOSH approved respiratory protection when workplace exposure limits may be exceeded or irritation is experienced. In workplace settings where employee exposure to airborne respirable crystalline silica is anticipated, it is the employer’s responsibility to comply with regulatory requirements in 29 CFR 1910.134, 29 CFR 1910.1053 and any other applicable standards.

SECTION 9: Physical and chemical properties

9.1. Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Property</th>
<th>Value</th>
</tr>
</thead>
<tbody>
<tr>
<td>Physical state</td>
<td>Solid</td>
</tr>
<tr>
<td>Color</td>
<td>Various</td>
</tr>
<tr>
<td>Odor</td>
<td>Odorless</td>
</tr>
<tr>
<td>Odor threshold</td>
<td>No data available</td>
</tr>
<tr>
<td>pH</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (butyl acetate=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Relative evaporation rate (ether=1)</td>
<td>No data available</td>
</tr>
<tr>
<td>Melting point</td>
<td>No data available</td>
</tr>
<tr>
<td>Freezing point</td>
<td>No data available</td>
</tr>
<tr>
<td>Boiling point</td>
<td>No data available</td>
</tr>
<tr>
<td>Flash point</td>
<td>No data available</td>
</tr>
<tr>
<td>Auto-ignition temperature</td>
<td>No data available</td>
</tr>
<tr>
<td>Decomposition temperature</td>
<td>No data available</td>
</tr>
</tbody>
</table>
Architectural Concrete Pavers
Safety Data Sheet

- Flammability (solid, gas): No data available
- Vapor pressure: No data available
- Vapor pressure at 50 °C: No data available
- Relative density: No data available
- Solubility: No data available
- Log Pow: No data available
- Viscosity, kinematic: No data available
- Explosion limits: No data available

9.2. Other information
No additional information available

SECTION 10: Stability and reactivity

10.1. Reactivity

- Chemical stability: When used under normal conditions this product is stable.
- Possibility of hazardous reactions: When used under normal conditions no hazardous reactions are known.
- Conditions to avoid: When used under normal conditions there are none to avoid.
- Incompatible materials: Not determined.
- Hazardous decomposition products: None.

SECTION 11: Toxicological information

11.1. Information on toxicological effects

- Acute toxicity: Oral: Harmful if swallowed.

<table>
<thead>
<tr>
<th>Pavers</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE US (oral)</td>
<td>625 mg/kg body weight</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Quartz (14808-60-7)</th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>ATE US (oral)</td>
<td>500 mg/kg</td>
</tr>
</tbody>
</table>

- Skin corrosion/irritation: Not classified
- Serious eye damage/irritation: Not classified
- Respiratory or skin sensitization: Not classified
- Germ cell mutagenicity: Not classified
- Carcinogenicity: May cause cancer.

Quartz (14808-60-7)

<table>
<thead>
<tr>
<th>IARC group</th>
<th>1 - Carcinogenic to humans</th>
</tr>
</thead>
<tbody>
<tr>
<td>National Toxicology Program (NTP) Status</td>
<td>2 - Known Human Carcinogens</td>
</tr>
<tr>
<td>In OSHA Hazard Communication Carcinogen list</td>
<td>Yes</td>
</tr>
</tbody>
</table>

- Reproductive toxicity: Not classified
- Specific target organ toxicity – single exposure: Not classified
- Specific target organ toxicity – repeated exposure: Not classified
- Aspiration hazard: Not classified

SECTION 12: Ecological information

12.1. Toxicity
No additional information available

12.2. Persistence and degradability
No additional information available
12.3. Bioaccumulative potential
No additional information available

12.4. Mobility in soil
No additional information available

12.5. Other adverse effects
Effect on the ozone layer : No additional information available

SECTION 13: Disposal considerations

13.1. Waste treatment methods
Product/Packaging disposal recommendations : Dispose of contents/container in accordance with local/regional/national/international regulations.

SECTION 14: Transport information

Department of Transportation (DOT)
In accordance with DOT
Not applicable

SECTION 15: Regulatory information

15.1. US Federal regulations
Cement, portland, chemicals (65997-15-1)
Listed on the United States TSCA (Toxic Substances Control Act) inventory
Quartz (14808-60-7)
Listed on the United States TSCA (Toxic Substances Control Act) inventory

15.2. US State regulations
Cement, portland, chemicals (65997-15-1)
U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List
Quartz (14808-60-7)
U.S. - Massachusetts - Right To Know List
U.S. - Minnesota - Hazardous Substance List
U.S. - New Jersey - Right to Know Hazardous Substance List
U.S. - Pennsylvania - RTK (Right to Know) List

SECTION 16: Other information

Full text of H-phrases:

<table>
<thead>
<tr>
<th>Acute Tox. 4 (Oral)</th>
<th>Acute toxicity (oral) Category 4</th>
</tr>
</thead>
<tbody>
<tr>
<td>Carc. 1A</td>
<td>Carcinogenicity Category 1A</td>
</tr>
<tr>
<td>H302</td>
<td>Harmful if swallowed</td>
</tr>
<tr>
<td>H350</td>
<td>May cause cancer</td>
</tr>
</tbody>
</table>

This information is based on our current knowledge and is intended to describe the product for the purposes of health, safety and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.