Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910-1200. Standard must be consulted for specific requirements.

IDENTITY (As Used on Label and List)

Section I

Manufacturer's Name: Roca USA Inc.
Address: 11190 NW 25th St.
Suite 100
Miami, FL 33172

Emergency Telephone Number: (800) 321 0684
Telephone Number for Information: (800) 321 0684
Date Prepared: February 11, 2015

Section II - Hazardous Ingredients/Identity Information

Silicon and Aluminon Oxide
Magnesium Oxide
Calcium Carbonate
Calcium Oxide
Iron Oxide
Potassium Oxide
Sodium Oxide

Section III - Physical/Chemical Characteristics

- Boiling Point: N/A (No Available)
- Vapor Pressure (mm Hg): N/A (No Available)
- Specific Gravity (H₂O = 1): N/A (No Available)
- Melting Point: N/A (No Available)
- Vapor Density (AIR = 1): N/A (No Available)
- Evaporation Rate (Butyl Acetate = 1): N/A (No Available)
- Solubility in Water: Insoluble
- Appearance and Odor: Glazed surface varies. Not distinguishable odor.

Section IV - Fire and Explosion Hazard Data

- Flash Point (Method Used): N/A (No Available)
- Flammable Limits: N/A (No Available)
- LEL: N/A (No Available)
- UEL: N/A (No Available)
- Extinguishing Media: Water
- Special Fire Fighting Procedures: Not applicable
- Unusual Fire and Explosion Hazards: Not applicable

Note: Blank spaces are not permitted. If any item is not applicable, or no information is available, the space must be marked to indicate that.
**Section V - Reactivity Data**

<table>
<thead>
<tr>
<th>Stability</th>
<th>Unstable</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Inert and stable material</td>
<td></td>
</tr>
<tr>
<td>Stable</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Incompatibility (Materials to Avoid)**

**None known**

**Hazardous Decomposition or Byproducts**

**None known**

<table>
<thead>
<tr>
<th>Polymerization</th>
<th>May Occur</th>
<th>Conditions to Avoid</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Will Not Occur</td>
<td></td>
</tr>
</tbody>
</table>

**Section VI - Health Hazard Data**

<table>
<thead>
<tr>
<th>Route(s) of Entry:</th>
<th>Inhalation?</th>
<th>Skin?</th>
<th>Ingestion?</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Avoid dust inhalation during installation</td>
<td></td>
<td></td>
</tr>
</tbody>
</table>

**Health Hazards (Acute and Chronic)**

**Acute:** Excessive exposure to tile dust, due to mechanical abrasion of the tile can cause eye, skin and lung irritation. Ingestion is not applicable for intact tiles.

**Chronic:** Not applicable for intact tiles. Excessive exposure to tile dust can cause discomfort. Long term exposure to silica dust generated from mechanical abrasion of tile can lead to silicosis.

**Carcinogenicity**

**None known**

<table>
<thead>
<tr>
<th>NTP?</th>
<th>IARC Monographs?</th>
<th>OSHA Regulated?</th>
</tr>
</thead>
<tbody>
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</tbody>
</table>

**Signs and Symptoms of Exposure**

**Medical Conditions Generally Aggravated**

**Emergency and First Aid Procedures**

**Inhalation:** Remove victim to fresh air if exposed to large amounts of tile cutting dust. Obtain medical attention, if discomfort continues.

**Skin:** Wash hands thoroughly with soap and water after handling. If a skin laceration is encountered, treat as any other cut or scrape by thoroughly cleansing the injured area and apply a protective dressing.

**Ingestion:** Not applicable for intact tiles.

**Section VII - Precautions for Safe Handling and Use**

**Steps to Be Taken in Case Material is Released or Spilled**

**Waste Disposal Method**

See local environmental law.

**Precautions to Be Taken in Handling and Storing**

No special recommends except taking care about the heavyness of ceramic products.

**Other Precautions**
### Secton VIII - Control Measures

**Respiratory Protection (Specify Type)**

<table>
<thead>
<tr>
<th>Not applicable for intact tiles</th>
<th>Ventilation</th>
<th>Local Exhaust</th>
<th>Special</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Mechanical</td>
<td></td>
<td>Other</td>
</tr>
</tbody>
</table>

**Protective Gloves**

**Recommended use during installation**

**Other Protective Clothing or Equipment**

**Eye Protection**

**Safety Glasses use recomended on installation**

**Nothing special except appropriate cut and installing devices.**

**Work/Hygiene Practices**

**No special recommendation**