1. Product And Company Identification

**Supplier**
Sika Corporation
201 Polito Ave
Lyndhurst, NJ 07071

*Company Contact:* EHS Department
*Telephone Number:* 201-933-8800
*FAX Number:* 201-933-9379
*Web Site:* www.sikausa.com

**Manufacturer**
Sika Corporation
201 Polito Ave
Lyndhurst, NJ 07071

*Company Contact:* EHS Department
*Telephone Number:* 201-933-8800
*FAX Number:* 201-933-9379
*Web Site:* www.sikausa.com

**Supplier Emergency Contacts & Phone Number**
CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

**Manufacturer Emergency Contacts & Phone Number**
CHEMTREC: 800-424-9300
INTERNATIONAL: 703-527-3887

**Issue Date:** 11/12/2007

**Product Name:** Sikacrete 211F
**CAS Number:** Not Established
**Chemical Family:** Cementitious mortar
**MSDS Number:** 4210
**Product Code:** 05575FB

2. Composition/Information On Ingredients

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>CAS Number</th>
<th>Percent Of Total Weight</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEMENT, PORTLAND</td>
<td>65997-15-1</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>14808-60-7</td>
<td></td>
</tr>
</tbody>
</table>

3. Hazards Identification

**Eye Hazards**
Causes eye irritation.

**Skin Hazards**
May cause skin irritation. Prolonged and/or repeated skin contact may cause an allergic reaction/sensitization. Product becomes alkaline when exposed to moisture. May cause a reversible inflammatory effect on skin or tissue at the site of contact.

**Ingestion Hazards**
May be harmful if swallowed.
### 3. Hazards Identification - Continued

**Inhalation Hazards**
Breathing dust may cause nose, throat or lung irritation. Respirable crystalline silica can cause silicosis, a fibrosis (scarring) of the lungs. Silicosis may be progressive.

### 4. First Aid Measures

**Eye**
In case of contact, hold eyelids apart and immediately flush eyes with plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.

**Skin**
In case of contact, immediately flush skin with soap and plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

**Ingestion**
If swallowed, do not induce vomiting unless directed to do so by medical personnel. If victim is fully conscious, give one or two cups of water or milk to drink. Seek medical attention immediately.

**Inhalation**
Remove to fresh air. If not breathing, give artificial respiration, seek medical attention immediately.

### 5. Fire Fighting Measures

**Flash Point:** N/A °F  
**Lower Explosive Limit:** N/AV  
**Upper Explosive Limit:** N/AV  

**Fire And Explosion Hazards**
None known

**Extinguishing Media**
Use the appropriate extinguishing media for the surrounding fire.

**Fire Fighting Instructions**
In the event of a fire, firefighters should wear full protective clothing and NIOSH-approved self-contained breathing apparatus with a full facepiece operated in the pressure demand or other positive pressure mode.

### 6. Accidental Release Measures

Avoid release to the environment. Using appropriate personal protective equipment (PPE), shovel material into waste containers taking care to minimize dust. Dampen if necessary to control dust. Vacuum clean dust with equipment fitted with High Efficiency Particulate Air (HEPA) filters.

### 7. Handling And Storage

**Handling And Storage Precautions**
Keep out of reach of children. Keep containers tightly closed.

**Work/Hygienic Practices**
Wash thoroughly with soap and water after handling.

### 8. Exposure Controls/Personal Protection

**Engineering Controls**
Use of a system of local and/or general exhaust is recommended to keep employee below applicable exposure limits. Refer to the current edition of "Industrial Ventilation: A Manual of Recommended Practice" published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use, and maintenance of exhaust systems.
8. Exposure Controls/Personal Protection - Continued

**Eye/Face Protection**
Safety glasses with side shields or goggles.

**Skin Protection**
Lab coat or other work clothing to prevent skin exposure (Long sleeve shirt and long pants). Launder before reuse.

**Respiratory Protection**
A respirator protection program that meets 29 CFR 1910.134 requirement must be followed whenever workplace conditions warrant a respirator’s use. In areas where the Permissible Exposure Limits are exceeded, use a properly fitted NIOSH-approved respirator.

**Ingredient(s) - Exposure Limits**

<table>
<thead>
<tr>
<th>Chemical</th>
<th>ACGIH TLV-TWA</th>
<th>OSHA PEL-TWA</th>
</tr>
</thead>
<tbody>
<tr>
<td>CEMENT, PORTLAND</td>
<td>- 10 mg/m³</td>
<td>15 mg/m³ (total dust)</td>
</tr>
<tr>
<td></td>
<td>OSHA PEL - TWA - 5 mg/m³ (respirable dust)</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>ACGIH TLV-TWA 0.05 mg/m³</td>
<td>OSHA PEL-TWA 30%/SiO²+2 mg/m³</td>
</tr>
<tr>
<td></td>
<td>OSHA PEL-TWA 10%/SiO²+2 mg/m³</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA PEL-TWA 250%/SiO+5 mppcf</td>
<td></td>
</tr>
<tr>
<td>NUISANCE DUST</td>
<td>ACGIH TLV-TWA: 10 mg/m³ Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>ACGIH TLV-TWA: 5 mg/m³ Respirable Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA PEL-TWA: 15 mg/m³ Total Dust</td>
<td></td>
</tr>
<tr>
<td></td>
<td>OSHA PEL-TWA: 5 mg/m³ Respirable Fraction</td>
<td></td>
</tr>
</tbody>
</table>

9. Physical And Chemical Properties

**Appearance**
Gray to Gray-Brown Powder

**Odor**
Odorless

**Chemical Type:** Mixture
**Physical State:** Solid
**Specific Gravity:** N/AV
**Percent VOCs:** 0%
**Packing Density:** N/AV
**Vapor Density:** > Air
**Solubility:** Slight
**Evaporation Rate:** N/AV

10. Stability And Reactivity

**Stability:** Stable
**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)**
Contact of silica with powerful oxidizing agents such as fluorine, chlorine, trifluoride, manganese trioxide, oxygen difluoride, may cause fires. Upon direct contact with water, material will harden.
# Material Safety Data Sheet

**Sikacrete 211F**

## 10. Stability And Reactivity - Continued

**Incompatible Materials**

None Known

**Hazardous Decomposition Products**

Silica will dissolve in hydrofluoric acid and produce a corrosive gas - silicon tetrafluoride.

**Conditions To Avoid (Polymerization)**

Will not occur

## 11. Toxicological Information

**Ingredient(s) - Carginogenicity**

- **SILICA, QUARTZ**
  - NTP - Listed On The National Toxicology Program
  - Listed In The IARC Monographs

## 12. Ecological Information

No Data Available...

## 13. Disposal Considerations

Dispose in accordance with applicable federal, state and local government regulations. Waste generators must determine whether a discarded material is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classification.

## 14. Transport Information

**Proper Shipping Name**

Not regulated by the USDOT.

## 15. Regulatory Information

**U.S. Regulatory Information**

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

**SARA Hazard Classes**

- Acute Health Hazard
- Chronic Health Hazard

**State Regulations**

WARNING: This product contains a chemical known to the State of California to cause cancer, birth defects, or other reproductive harm.

**Ingredient(s) - State Regulations**

- **SILICA, QUARTZ**
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - California - Proposition 65
  - Massachusetts - Hazardous Substance

## 16. Other Information

No Data Available...
16. Other Information - Continued

HMIS Rating
Health: *2
Fire: 0
Reactivity: 0
PPE: E

Revision/Preparer Information
MSDS Preparer: EHS Department
MSDS Preparer Phone Number: 201-933-8800
This MSDS Supercedes A Previous MSDS Dated: 03/30/2005

Disclaimer
The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Sika believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

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