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: 06/27/2006

Product Name: Sikacem 103F
CAS Number: Not Established
Chemical Family: Cementitious Mortar
MSDS Number: 3931
Product Code: 0158540

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, AMORPHOUS</td>
<td>7631-86-9</td>
<td></td>
</tr>
<tr>
<td>SILICA, QUARTZ</td>
<td>14808-60-7</td>
<td></td>
</tr>
</tbody>
</table>

3. Hazards Identification

Eye Hazards
May cause eye irritation.

Skin Hazards
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.

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

### 5. Fire Fighting Measures

**Flash Point:** >200 °F

**Fire And Explosion Hazards**
None known

**Extinguishing Media**
In case of fire, use water spray (fog) foam, dry chemical, or CO2.

**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. Store in a cool, dry, well ventilated area. 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.

**Eye/Face Protection**
Safety glasses with side shields or goggles.
8. Exposure Controls/Personal Protection - Continued

Skin Protection
Chemical-resistant gloves. 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>Ingredient(s)</th>
<th>Exposure Limits</th>
</tr>
</thead>
</table>
| **CEMENT, PORTLAND** | ACGIH TLV-TWA - 10 mg/m³  
OSHA PEL -TWA - 15 mg/m³ (total dust)  
OSHA PEL - TWA - 5 mg/m³ (respirable dust) |
| **SILICA, AMORPHOUS** | ACGIH TLV-TWA 10 mg/m³  
OSHA PEL-TWA 20 mppcf  
OSHA PEL-TWA 80 / %SiO₂ mg/m³ |
| **SILICA, QUARTZ** | ACGIH TLV-TWA 0.05 mg/m³ (Notice of Intended Change)  
ACGIH TLV-TWA 0.025 mg/m³ (Proposed)  
OSHA PEL-TWA 30/%SiO₂+2 mg/m³  
OSHA PEL-TWA 10/%SiO₂+2 mg/m³  
OSHA PEL-TWA 250/%SiO+5 mppcf |

9. Physical And Chemical Properties

**Appearance**
Gray mortar

**Odor**
No odor

**Chemical Type:** Mixture  
**Physical State:** Solid

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.

**Incompatible Materials**
None Known

**Hazardous Decomposition Products**
Silica will dissolve in hydrofluoric acid and produce a corrosive gas - silicon tetrafluoride.

**Conditions To Avoid (Polymerization)**
None known
# Material Safety Data Sheet

## 11. Toxicological Information

**Ingredient(s) - Carginogenicity**
- SILICA, AMORPHOUS
  - Listed In The IARC Monographs
- 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 US DOT

## 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

**SARA Section 313 Notification**
- This product does not contain any ingredients regulated under Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 or 40 CFR 372.

**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, AMORPHOUS
  - New Jersey - Workplace Hazard
  - Pennsylvania - Workplace Hazard
  - Massachusetts - Hazardous Substance
- 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

<table>
<thead>
<tr>
<th>HMIS Rating</th>
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</thead>
<tbody>
<tr>
<td>Health:</td>
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</tr>
<tr>
<td>Fire:</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>0</td>
</tr>
<tr>
<td>PPE:</td>
<td>E</td>
</tr>
</tbody>
</table>

**Revision/Preparer Information**
- MSDS Preparer: EHS Departmant
- MSDS Preparer Phone Number: 201 933 8800
- This MSDS Supercedes A Previous MSDS Dated: 02/13/2006

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