



# MATERIAL SAFETY DATA SHEET

## Sikacem 103F

### HMIS

HEALTH	*2
FLAMMABILITY	0
REACTIVITY	0
PERSONAL PROTECTION	E

### 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

Ingredient Name	CAS Number	Percent Of Total Weight
CEMENT, PORTLAND	65997-15-1	
SILICA, AMORPHOUS	7631-86-9	
SILICA, QUARTZ	14808-60-7	

### 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.

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### 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.

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### 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

##### CEMENT, PORTLAND

ACGIH TLV-TWA - 10 mg/m<sup>3</sup>

OSHA PEL -TWA - 15 mg/m<sup>3</sup> (total dust)

OSHA PEL - TWA - 5 mg/m<sup>3</sup> (respirable dust)

##### SILICA, AMORPHOUS

ACGIH TLV-TWA 10 mg/m<sup>3</sup>

OSHA PEL-TWA 20 mppcf

OSHA PEL-TWA 80 / %SiO<sub>2</sub> mg/m<sup>3</sup>

##### SILICA, QUARTZ

ACGIH TLV-TWA 0.05 mg/m<sup>3</sup> (Notice of Intended Change)

ACGIH TLV-TWA 0.025 mg/m<sup>3</sup> (Proposed)

OSHA PEL-TWA 30/%SiO<sub>2</sub>+2 mg/m<sup>3</sup>

OSHA PEL-TWA 10/%SiO<sub>2</sub>+2 mg/m<sup>3</sup>

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

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### 11. Toxicological Information

#### Ingredient(s) - Carcinogenicity

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...

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### 16. Other Information - Continued

#### HMIS Rating

Health: \*2

Fire: 0

Reactivity: 0

PPE: E

#### Revision/Preparer Information

MSDS Preparer: EHS Deptmant

MSDS Preparer Phone Number: 201 933 8800

This MSDS Supercedes A Previous MSDS Dated: 02/13/2006

### Disclaimer

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