



# MATERIAL SAFETY DATA SHEET

## Sikaflex® 1A (All Colors)

### HMIS

|                     |    |
|---------------------|----|
| HEALTH              | *2 |
| FLAMMABILITY        | 1  |
| REACTIVITY          | 0  |
| PERSONAL PROTECTION | C  |

### 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: 08/09/2007

Product Name: Sikaflex® 1A (All Colors)  
CAS Number: Not Established  
Chemical Family: Polyurethane  
MSDS Number: 4016  
Product Code: 0431543

### 2. Composition/Information On Ingredients

| Ingredient Name           | CAS Number   |   | Percent Of Total Weight |
|---------------------------|--------------|---|-------------------------|
| POLYISOCYANATE PREPOLYMER | Trade Secret |   |                         |
| XYLENE (MIXED ISOMERS)    | 1330-20-7    | < | 4                       |

### 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.

**Ingestion Hazards**

May be harmful if swallowed.

**Inhalation Hazards**

May cause nose, throat, and lung irritation. May cause an allergic respiratory reaction / sensitization after prolonged or repeated contact. Reports have associated repeated and prolonged exposure to some of the

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## Sikaflex® 1A (All Colors)

### 3. Hazards Identification - Continued

#### Inhalation Hazards - Continued

chemicals in this product with permanent brain, liver, kidney, and Central Nervous System damage. Headaches and dizziness may result.

### 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 victim is fully conscious do not induce vomiting, give one or two cups of water or milk to drink. Call a physician or a poison control center immediately.

#### Inhalation

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

### 5. Fire Fighting Measures

**Flash Point:** N/A °F

**Flash Point Method:** Solid per ASTM D4359

**Autoignition Point:** N/AV °F

**Lower Explosive Limit:** N/AV

**Upper Explosive Limit:** N/AV

#### Fire And Explosion Hazards

During a fire, irritating and/or toxic gases and aerosols from the decomposition/combustion products may be present.

#### Extinguishing Media

In case of fire, use water spray (fog) foam, dry chemical, or CO<sub>2</sub>.

#### 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. Use appropriate Personal Protective Equipment (PPE). Contain spill and collect with absorbent material and transfer into suitable containers. Do not flush to sewer or allow to enter waterways. Ventilate enclosed area.

### 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.

#### Handling Precautions

Do not smoke. Use only in well ventilated areas. Condition to 65-85F before using. Use only with ventilation sufficient to reduce potential exposures (air borne levels of dust, fumes, vapors, etc.) to below recommended exposure limits.

#### Storage Precautions

Do not store near excessive heat. Store in tightly closed containers and protect from moisture and foreign

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### 7. Handling And Storage - Continued

#### Storage Precautions - Continued

material. Ideal storage temperature is less than 75F. If maximum storage temperature is exceeded, material may prematurely polymerize without hazard.

#### 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.

#### 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.

#### Other/General Protection

Wash thoroughly after handling.

#### Ingredient(s) - Exposure Limits

XYLENE (MIXED ISOMERS)  
ACGIH TLV-STEL 150 ppm  
ACGIH TLV-TWA 100 ppm  
OSHA PEL-TWA 100 ppm

### 9. Physical And Chemical Properties

#### Appearance

Paste (solid) in various colors

#### Odor

Aromatic odor

**Chemical Type:** Mixture

**Physical State:** Solid

**Melting Point:** N/AV °F

**Boiling Point:** N/AV °F

**Specific Gravity:** 1.4 grams/cm<sup>3</sup>

**Percent VOCs:** < 4%

**Packing Density:** 11.5 - 12.0 pounds /gallon

**Vapor Pressure:** N/AV

**Vapor Density:** > Air

**Solubility:** N/AV

**Evaporation Rate:** Slower than ether

VOC Content: < 40 grams / liter (EPA Method 24)

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### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

**Conditions To Avoid (Stability)**

Open flame

**Incompatible Materials**

Water, Alcohol, Amines

**Hazardous Decomposition Products**

Carbon Dioxide, Carbon Monoxide, and Oxides of Nitrogen, Smoke, Fumes

**Conditions To Avoid (Polymerization)**

None known

### 11. Toxicological Information

**Conditions Aggravated By Exposure**

Eye disease, skin disorders and allergies, chronic respiratory conditions.

### 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

**SARA Title III - Section 313 Supplier Notification**

This product contains the following toxic chemicals that are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act (EPCRA) of 1986 and of 40 CFR 372.

XYLENE (MIXED ISOMERS) (1330-20-7) <4 %

This information must be included on all MSDSs that are copied and distributed for this material.

**Ingredient(s) - U.S. Regulatory Information**

XYLENE (MIXED ISOMERS)

SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

SARA - Acute Health Hazard

SARA - Chronic Health Hazard

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### 15. Regulatory Information - Continued

#### Ingredient(s) - U.S. Regulatory Information - Continued

SARA - Fire Hazard

#### Ingredient(s) - State Regulations

XYLENE (MIXED ISOMERS)

New Jersey - Workplace Hazard

New Jersey - Environmental Hazard

New Jersey - Special Hazard

Pennsylvania - Workplace Hazard

Pennsylvania - Environmental Hazard

Massachusetts - Hazardous Substance

New York City - Hazardous Substance

### 16. Other Information

#### HMIS Rating

Health: \*2

Fire: 1

Reactivity: 0

PPE: C

#### Revision/Preparer Information

MSDS Preparer: EHS Department

MSDS Preparer Phone Number: 201 933 8800

This MSDS Supersedes A Previous MSDS Dated: 12/11/2006

### Disclaimer

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Sika Corporation

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