



# MATERIAL SAFETY DATA SHEET

## Sikaflex 2C, SL - Part A

### 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:** 10/15/2003

**Product Name:** Sikaflex 2C, SL - Part A

**CAS Number:** Not Established

**Chemical Family:** Polyurethane

**Chemical Formula:** RMF-2057

**MSDS Number:** 2914

**Product Code:** 0465130

#### Synonyms

RMF-2057

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
POLYISOCYANATE PREPOLYMER	TradeSecret	
XYLENE (MIXED ISOMERS)	1330-20-7	1 - 5

### 3. Hazards Identification

#### Eye Hazards

Causes eye irritation.

#### Skin Hazards

May cause skin irritation.

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## Sikaflex 2C, SL - Part A

### 3. Hazards Identification - Continued

#### Ingestion Hazards

May be harmful if swallowed.

#### Inhalation Hazards

May cause nose, throat, and lung irritation. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney, and Central Nervous System damage. Chronic exposure to Xylene may damage a developing fetus, damage bone marrow causing low blood count, and damage the liver and kidneys.

### 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, induce vomiting immediately if 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. Seek medical attention immediately.

### 5. Fire Fighting Measures

**Flash Point:** 230 °F

**Autoignition Point:** N/AV °F

#### 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. Not for internal consumption.

#### Storage Precautions

Store at 32F min. - 122F max. Ideal storage temperature 50 - 80F. If closed container is exposed to heat, pressure can build up. If moisture enters container, pressure may build up due to reaction. Store in cool, dry area in tightly closed containers, away from sparks and open flames.

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## Sikaflex 2C, SL - Part A

### 7. Handling And Storage - Continued

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

### 8. Exposure Controls/Personal Protection

#### Engineering Controls

Use with adequate general and local exhaust ventilation. 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

#### Odor

Aromatic odor

**Chemical Type:** Mixture

**Physical State:** Solid

**Specific Gravity:** 1.60

**Packing Density:** 13.38 pounds / gallon

**Vapor Density:** > AIR

**Evaporation Rate:** Slower than ether

VOC Content 75 grams / liter

### 10. Stability And Reactivity

**Stability:** Stable

**Hazardous Polymerization:** Will not occur

#### Conditions To Avoid (Stability)

Open flame, heat

#### Incompatible Materials

Water, alcohols, and amines

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## Sikaflex 2C, SL - Part A

### 10. Stability And Reactivity - Continued

#### Hazardous Decomposition Products

Carbon Dioxide, Carbon Monoxide, and Oxides of Nitrogen

### 11. Toxicological Information

No Data Available...

### 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 Section 313 Notification

This product contains the following toxic chemicals subject to the reporting requirements of Section 313 of the Emergency Planning and Community Right-To-Know Act of 1986 and of 40 CFR 372. This information must be included in all MSDSs that are copied and distributed for this material.

XYLENE (MIXED ISOMERS)

#### 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  
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

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## Sikaflex 2C, SL - Part A

### 16. Other Information

#### HMIS Rating

Health: \*2

Fire: 1

Reactivity: 0

PPE: C

#### Revision/Preparer Information

MSDS Preparer: EHS Department

This MSDS Supercedes A Previous MSDS Dated: 09/18/2001

### 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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