



# MATERIAL SAFETY DATA SHEET

## Sikaflex 2C, NS & SL - Part B

### HMIS

HEALTH	*2
FLAMMABILITY	2
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:** 10/02/2003

**Product Name:** Sikaflex 2C, NS & SL - Part B  
**CAS Number:** Not Established  
**Chemical Family:** Polyurethane  
**MSDS Number:** 2873  
**Product Code:** 0464140

#### Synonyms

RMF-1105

### 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
POLYISOCYANATE PREPOLYMER	mixture	
XYLENE (MIXED ISOMERS)	1330-20-7	5 - 10

### 3. Hazards Identification

#### Eye Hazards

Causes eye irritation.

#### Skin Hazards

May cause skin irritation. May cause skin sensitization.

#### Ingestion Hazards

May be harmful if swallowed.

# MATERIAL SAFETY DATA SHEET

## Sikaflex 2C, NS & SL - Part B

### 3. Hazards Identification - Continued

#### Inhalation Hazards

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 water for at least 15 minutes. Get medical attention immediately.

#### Skin

In case of contact, immediately flush skin with soap and plenty of water. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.

#### Ingestion

If victim is fully conscious, give one or two cups of water or milk to drink. Never give anything by mouth to an unconscious victim. 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:** 112 °F

**Autoignition Point:** N/AV °F

**Lower Explosive Limit:** N/AV

**Upper Explosive Limit:** N/AV

#### Fire And Explosion Hazards

Combustible liquid. 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

Eliminate all ignition sources. Avoid release to the environment. Use appropriate personal protective equipment (PPE). Contain spill and collect with absorbent material and transfer into suitable containers. Ventilate enclosed area.

### 7. Handling And Storage

#### Handling Precautions

Keep away from heat, sparks, flame, and other sources of ignition (i.e., pilot lights, electric motors, and static electricity).

#### 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.

#### Work/Hygienic Practices

Wash thoroughly with soap and water after handling.

# MATERIAL SAFETY DATA SHEET

## Sikaflex 2C, NS & SL - Part B

### 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

Faceshield over safety glasses or goggles.

#### Skin Protection

Chemical-resistant gloves. Lab coat or other work clothing to prevent skin exposure. 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

POLYISOCYANATE PREPOLYMER

ACGIH TLV: NOT ESTABLISHED

OSHA PEL: NOT ESTABLISHED

NTP: NO

IARC: NO

XYLENE (MIXED ISOMERS)

ACGIH TLV-STEL 150 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

### 9. Physical And Chemical Properties

#### Appearance

Clear liquid

#### Odor

Aromatic Odor

**Chemical Type:** Mixture

**Physical State:** Liquid

**Specific Gravity:** 1.02

**Percent Volatiles:** 9.0

**Packing Density:** 8.5 pounds/gallon

**Vapor Density:** > AIR

**Evaporation Rate:** Slower than ether

VOC content: 91.66 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

# MATERIAL SAFETY DATA SHEET

## Sikaflex 2C, NS & SL - Part B

### 10. Stability And Reactivity - Continued

#### Hazardous Decomposition Products

CO, CO<sub>2</sub>, 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

Ground Transport - Not Regulated by the USDOT

Air, Boat Transport - Flammable Liquids, N.O.S, (Xylene), 3, UN1993, PG III

### 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

Fire 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

# MATERIAL SAFETY DATA SHEET

## Sikaflex 2C, NS & SL - Part B

### 15. Regulatory Information - Continued

#### Ingredient(s) - State Regulations - Continued

New York City - Hazardous Substance

### 16. Other Information

#### HMIS Rating

Health: \*2

Fire: 2

Reactivity: 0

PPE: C

#### Revision/Preparer Information

MSDS Preparer: EHS Department

This MSDS Supercedes A Previous MSDS Dated: 05/21/2003

#### 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.

SIKA CORPORATION

Printed Using MSDS Generator™ 2000