MATERIAL SAFETY DATA SHEET

SIKAFLEX 291 LOT

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: 04/15/2005

Product Name: SIKAFLEX 291 LOT
CAS Number: Not Established
Chemical Family: POLYURETHANE
MSDS Number: 3573
Product Code: 0431-000

2. Composition/Information On Ingredients

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

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.

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.

3. Hazards Identification - Continued

Inhalation Hazards - Continued

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 swallowed, do not induce vomiting unless directed to do so by medical personnel.

Inhalation

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

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 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. 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. Store at 40-95F. Condition to 65-85F before using. If closed container is exposed to heat, pressure can build up. If moisture enters container, pressure may build up due to reaction.

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 expsoure limits. Refer to the current edition of "Industrial Ventilation: A Manual of Recommended Practice" published by

8. Exposure Controls/Personal Protection - Continued

Engineering Controls - Continued

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

Avoid skin contact. Chemical-resistant gloves. Lab coat or other work clothing. 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 Expsosure 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
- IARC: NO
- NTP: 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

Paste (solid) in all colors

Odor

Aromatic odor

Chemical Type: Mixture
Physical State: Solid
Melting Point: N/AV °F
Boiling Point: N/AV °F
Specific Gravity: 1.19
Percent Volatiles: <4%
Percent VOCs: <4%
Packing Density: 10.56#/GAL
Vapor Pressure: N/AV
Vapor Density: > AIR
Solubility: N/AV
Evaporation Rate: SLOWER THAN ETHER
VOC Content - 45g/L

10. Stability And Reactivity

Stability: STABLE
Hazardous Polymerization: WILL NOT OCCUR

10. Stability And Reactivity - Continued

Conditions To Avoid (Stability)

Open flame, heat

Incompatible Materials

Water, alcohols, amines

Hazardous Decomposition Products

CO, CO2, NOx, Smoke, Fumes

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 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 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.

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.

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

15. Regulatory Information - Continued

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

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 Supercedes A Previous MSDS Dated: 11/10/2003

Disclaimer