



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: Kristin Kelley
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: Kristin Kelley
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: 11/11/1999

Product Name: SIKAFLEX 2C, NS & SL - PART B
CAS Number: Not Established
Chemical Family: POLYURETHANE
MSDS Number: 1100
Product Code: NO. 464-140

Synonyms

NO. 464-140

REVISION #1

2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
POLYISOCYANATEPREPOLYMER	57451-08-8	
XYLENE(MIXEDISOMERS)	1330-20-7	5 - 10

3. Hazards Identification

Eye Hazards

EYE IRRITANT.

Skin Hazards

MAY CAUSE SKIN IRRITATION. PROLONGED AND/OR REPEATED CONTACT WITH SKIN MAY CAUSE AN ALLERGIC REACTION/SENSITIZATION. MAY CAUSE DERMATITIS (SKIN REDNESS, DRYNESS, SCALING, ETC.) FROM REPEATED OR PROLONGED CONTACT.

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3. Hazards Identification - Continued

Ingestion Hazards

LOW ORDER OF ACUTE TOXICITY. HARMFUL IF ASPIRATED INTO LUNGS.

Inhalation Hazards

MAY CAUSE RESPIRATORY TRACT IRRITATION. MAY CAUSE RESPIRATORY SENSITIZATION. HIGH VAPOR CONCENTRATIONS OF XYLENE (GREATER THAN APPROX. 1000 PPM) MAY CAUSE HEADACHES, DIZZINESS, ANESTHESIA, DROWSINESS, UNCONSCIOUSNESS, AND OTHER CENTRAL NERVOUS SYSTEM EFFECTS, INCLUDING DEATH.

4. First Aid Measures

Eye

RINSE EYES THOROUGHLY WITH WATER FOR AT LEAST 15 MINUTES. CONSULT PHYSICIAN.

Skin

WASH SKIN THOROUGHLY WITH SOAP AND WATER. REMOVE CONTAMINATED CLOTHING. IF SYMPTOMS PERSIST CONSULT PHYSICIAN.

Ingestion

DILUTE WITH WATER. CONSULT PHYSICIAN.

Inhalation

REMOVE TO FRESH AIR. IF BREATHING HAS STOPPED, INSTITUTE ARTIFICIAL RESPIRATION. CONSULT WITH PHYSICIAN.

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

DURING A FIRE, IRRITATING AND/OR TOXIC GASES AND AEROSOLS FROM THE DECOMPOSITION/COMBUSTION PRODUCTS MAY BE PRESENT.

Extinguishing Media

FOAM/DRY CHEMICAL/CO2/WATER FOG

Fire Fighting Instructions

WEAR NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

6. Accidental Release Measures

WEAR SUITABLE PROTECTIVE EQUIPMENT. CONTAIN SPILL AND COLLECT WITH ABSORBENT MATERIAL AND TRANSFER INTO SUITABLE CONTAINERS. AVOID CONTACT. VENTILATE ENCLOSED AREA.

7. Handling And Storage

Handling And 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 HANDS THOROUGHLY AFTER USE.

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8. Exposure Controls/Personal Protection

Engineering Controls

LOCAL EXHAUST HIGHLY RECOMMENDED. VENTILATION SHOULD BE SUFFICIENT TO REDUCE AIR CONTAMINANTS TO BELOW PELs. MECHANICAL EXHAUST HIGHLY RECOMMENDED.

Eye/Face Protection

SAFETY GLASSES/CHEMICAL GOGGLES.

Skin Protection

WEAR CHEMICAL RESISTANT GLOVES. WEAR LONG SLEEVE SHIRT AND LONG PANTS. AVOID SKIN CONTACT.

Respiratory Protection

IF PELs ARE EXCEEDED, WEAR APPROPRIATE, PROPERLY FITTED NIOSH/MSHA 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)

OSHA PEL - TWA: 100 PPM

OSHA PEL - STEL: 150 PPM

ACGIH TLV - TWA: 100 PPM

ACGIH TLV - STEL: 150 PPM

CONTAINS 15% ETHYL BENZENE 100-41-4

E.B. OSHA PELs 100 PPM / 125 PPM

9. Physical And Chemical Properties

Appearance

CLEAR LIQUID

Odor

AROMATIC ODOR

Chemical Type: Pure

Specific Gravity: 1.02

Molecular Weight: 0.00

Percent Volatiles: 9.0

Percent VOCs: 0.00

Packing Density: 8.5 #/GAL

Vapor Density: > AIR

Evaporation Rate: SLOWER THAN ETHER

V.O.C. content 0.765 # / gal 91.66 g / l

10. Stability And Reactivity

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR

Conditions To Avoid (Stability)

OPEN FLAME, HEAT

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10. Stability And Reactivity - Continued

Incompatible Materials

WATER, ALCOHOLS AND AMINES

Hazardous Decomposition Products

CO, CO₂, OXIDES OF NITROGEN

11. Toxicological Information

Miscellaneous Toxicological Information

CHRONIC OVEREXPOSURE TO XYLENE MAY CAUSE KIDNEY AND/OR LIVER DAMAGE.

Conditions Aggravated By Exposure

EYE DISEASE, SKIN DISORDERS AND ALLERGIES, CHRONIC RESPIRATORY DISORDERS.

12. Ecological Information

Other Environmental Information

VOC 91 grams/liter

13. Disposal Considerations

AS SUPPLIED, THIS MATERIAL WOULD BE CONSIDERED A RCRA HAZARDOUS WASTE.
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

14. Transport Information

Proper Shipping Name

NOT REGULATED BY D.O.T., EXCEPT BY AIR

15. Regulatory Information

SARA Hazard Classes

Acute Health Hazard
Chronic Health Hazard
Fire Hazard

Ingredient(s) - U.S. Regulatory Information

XYLENE (MIXED ISOMERS)
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical

16. Other Information

HMIS Rating

Health: 2

Fire: 2

Reactivity: 0

PPE: C

Reference Documentation

SIKAFLEX 1A - VOC 97 GRAMS/LITER

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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Disclaimer - Continued

SIKA CORPORATION

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