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 Material Safety Data Sheet

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 02/28/96
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 SIKAFLEX 11FC (ALL COLORS)
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 1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION
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 SIKA CORPORATION
 1682 MARION-WILLIAMSPORT ROAD
 MARION, OH 43302

 COMPANY CONTACT: TOM MAY
 TELEPHONE NUMBER: (614)387-9224

 EMERGENCY TELEPHONE NUMBER

CHEMTREC (800)424-9300

 PRODUCT NAME: SIKAFLEX 11FC (ALL COLORS)
 CHEMICAL FAMILY: POLYURETHANE

 2. COMPOSITION/INFORMATION ON INGREDIENTS
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INGREDIENT: ETHYL BENZENE

CAS NUMBER: 100-41-4

ACGIH TLV-TWA: 100 ppm	NTP: NO
ACGIH TLV-STEL: 125 ppm	IARC: NO
OSHA PEL-TWA: 100 ppm	
OSHA PEL-STEL: 125 ppm	

INGREDIENT: XYLENE, MIXED ISOMERS

CAS NUMBER: 1330-20-7

ACGIH TLV-TWA: 100 ppm	NTP NO
ACGIH TLV-STEL: 150 ppm	IARC NO
OSHA PEL-TWA: 100 ppm	
OSHA STEL-TWA: 150 ppm	

INGREDIENT: POLYISOCYANATE PREPOLYMER

ACGIH TLV: NOT ESTABLISHED	IARC NO
OSHA PEL: NOT ESTABLISHED	
NTP NO	

 3. HAZARDS IDENTIFICATION
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 POTENTIAL HEALTH EFFECTS

 EYES

EYE IRRITANT.

 SKIN

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

LOW ORDER OF ACUTE TOXICITY.

INHALATION

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.

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4. FIRST AID MEASURES
=====EYES

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. CONTACT PHYSICIAN.

INHALATION

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

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5. FIRE FIGHTING MEASURES
=====FLAMMABLE PROPERTIES

FLASH POINT: 143 F
AUTOIGNITION: 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

FOAM/DRY CHEMICAL/CO2/WATER FOG

FIRE FIGHTING INSTRUCTIONS

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

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5. FIRE FIGHTING MEASURES - Continued

FIRE FIGHTING INSTRUCTIONS - Continued

PROTECTIVE GEAR.

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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.
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7. HANDLING AND STORAGE

HANDLING AND STORAGE PRECAUTIONS

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. STORE IN COOL DRY AREA IN TIGHTLY
CLOSED CONTAINERS, AWAY FROM SPARKS AND OPEN FLAMES.

WORK/HYGIENIC PRACTICES

WASH THOROUGHLY AFTER USING PRODUCT.

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8. EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS

GENERAL & LOCAL EXHAUST VENTILATION RECOMMENDED. VENTILATION SHOULD BE
SUFFICIENT TO REDUCE AIR CONTAMINANTS TO BELOW PELs.

EYE/FACE PROTECTION

SAFETY GLASSES/CHEMICAL GOGGLES

SKIN PROTECTION

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

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MISCELLANEOUS TOXICOLOGICAL INFORMATION

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

SIKAFLEX 11FC TESTED ACCORDING TO FHSLA 16 CFR-1500 HAS DETERMINED:

- 1. PRIMARY SKIN IRRITANT
2. EYE IRRITANT
3. NOT TOXIC ORALLY
4. NOT TOXIC BY INHALATION
5. NOT TOXIC DERMALLY

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11. TOXICOLOGICAL INFORMATION - Continued
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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

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

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12. ECOLOGICAL INFORMATION
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OTHER ENVIRONMENTAL INFORMATION

VOC - 97 GRAMS/LITER

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13. DISPOSAL CONSIDERATIONS
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DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS.

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14. TRANSPORT INFORMATION
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PROPER SHIPPING NAME: NOT REGULATED BY D.O.T.

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15. REGULATORY INFORMATION
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SARA TITLE III NOTIFICATIONS AND INFORMATION

SARA TITLE III - HAZARD CLASSES: Acute Health Hazard
Chronic Health Hazard

SARA TITLE III - SECTION 313 SUPPLIER 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 (EPCRA) of 1986 and of 40 CFR 372:

CAS NUMBER	INGREDIENT NAME	PERCENT BY WEIGHT
100-41-4	ETHYL BENZENE	Unknown
1330-20-7	XYLENE, MIXED ISOMERS	Unknown

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

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16. OTHER INFORMATION

HMIS HAZARD RATING - HEALTH: 2 Moderate
 - FIRE: 1 Slight
 - REACTIVITY: 0 Negligible
 - PPE: C

SPECIAL HAZARDS: SENSITIZER, IRRITANT, KIDNEY, LIVER, CNS

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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