

Material Safety Data Sheet

Page: 1
Rev. Date
09/12/97

SIKAFLEX 1A (ALL COLORS)

1. CHEMICAL PRODUCT AND COMPANY IDENTIFICATION

SIKA CORPORATION
1682 MARION-WILLIAMSPORT ROAD
MARION, OH 43302

COMPANY CONTACT: TOM MAY
TELEPHONE NUMBER: (740)387-9224

EMERGENCY TELEPHONE NUMBER

CHEMTREC (800)424-9300

PRODUCT NAME: SIKAFLEX 1A (ALL COLORS)
PRODUCT CODE: 0431-000
CHEMICAL FAMILY: POLYURETHANE

2. COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: POLYISOCYANATE PREPOLYMER
ACGIH TLV: NOT ESTABLISHED NTP: NO
OSHA PEL: NOT ESTABLISHED
IARC: NO

INGREDIENT: XYLENE (MIXED ISOMERS)
CAS NUMBER: 1330-20-7 PERCENT BY WEIGHT: 5 to 10
OSHA PEL - TWA: 100 PPM CONTAINS 15% ETHYL BENZENE 100-41-4
OSHA PEL - STEL: 150 PPM E.B. OSHA PELs 100 PPM / 125 PPM
ACGIH TLV - TWA: 100 PPM
ACGIH TLV - STEL: 150 PPM

3. HAZARDS IDENTIFICATION

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.

INGESTION

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

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M a t e r i a l S a f e t y D a t a S h e e t

Page: 2

SIKAFLEX 1A (ALL COLORS)

Rev. Date

09/12/97

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3. HAZARDS IDENTIFICATION - Continued

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. CONSULT 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
LOWER EXPLOSIVE LIMIT (%): N/AV
UPPER EXPLOSIVE LIMIT (%): N/AV

EYE/FACE PROTECTION

SAFETY GLASSES/CHEMICAL GOGGLES.

SKIN PROTECTION

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.

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M a t e r i a l S a f e t y D a t a S h e e t

Page: 4
Rev. Date
09/12/97

SIKAFLEX 1A (ALL COLORS)

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9. P H Y S I C A L A N D C H E M I C A L P R O P E R T I E S
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APPEARANCE

PASTE (solid) IN ALL COLORS

ODOR

AROMATIC ODOR

BASIC PHYSICAL PROPERTIES

BOILING POINT: N/AV F
MELTING POINT: N/AV F
VAPOR PRESSURE: N/AV
VAPOR DENSITY (AIR=1): > AIR
SPECIFIC GRAVITY: 1.19
PACKING DENSITY: 10.56#/GAL
SOLUBILITY (H2O): N/AV
PERCENT VOLATILES: 7.9%
VOLATILE ORGANIC COMPOUNDS (VOC) CONTENT: 7.9 %

EVAPORATION RATE: SLOWER THAN ETHER

VOC content 94.01 g/l 0.78 lbs/gal

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10. STABILITY AND REACTIVITY
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STABILITY: STABLE

CONDITIONS TO AVOID (STABILITY)

OPEN FLAME, HEAT

INCOMPATIBLE MATERIALS

WATER, ALCOHOLS AND AMINES

HAZARDOUS DECOMPOSITION PRODUCTS

CO, CO2, NOx, SMOKE, FUMES

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR

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11. TOXICOLOGICAL INFORMATION
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MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE

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

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Material Safety Data Sheet

Page: 5

SIKAFLEX 1A (ALL COLORS)

Rev. Date

09/12/97
=====

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12. ECOLOGICAL INFORMATION
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NO DATA GIVEN

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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
1330-20-7	XYLENE (MIXED ISOMERS)	5 to 10

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

REGULATED INGREDIENTS

INGREDIENT: XYLENE (MIXED ISOMERS)

CAS NUMBER: 1330-20-7 PERCENT BY WEIGHT: 5 to 10

Regulations: OSHA Z Table Substance

SARA Section 313 Toxic Chemical

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

SPECIAL HAZARDS: SENSITIZER, IRRITANT

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Material Safety Data Sheet

Page: 6

SIKAFLEX 1A (ALL COLORS)

Rev. Date

09/12/97
=====

16. OTHER INFORMATION - Continued
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REFERENCE DOCUMENTATION

SIKAFLEX 1A - VOC 97 GRAMS/LITER

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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