

MATERIAL SAFETY DATA SHEET

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MSDS Number: S1KA220 ;

I. CHEMICAL PRODUCT IDENTIFICATION

Product Name: SIKAFLEX QUICK CURE URETHANE
HMIS Ratings:

Health: Moderate(2)
 Flammability: Slight(1)
 Instability/Reactivity: Minimal(0)
 Personal Protective Equipment: C

NFPA Ratings:

II. COMPOSITION, INFORMATION ON INGREDIENTS

Chemical Ingredients	C.A.S. Number	% By Weight	ACGIH TLV TWA/STEL	OSHA PEL TWA/STEL	Other TWA/STEL	LD50	LC50
METHYLENE BISPHENYL ISOCYANATE	101-68-8	0.6 - 1.0	0.005 PPM	0.02 PPM CEILING			
Notes							
XYLENE (MIXED ISOMERS)	1330-20-7	1 - 5	100 PPM 150 PPM	100 PPM			
Notes							

III. HAZARDS IDENTIFICATION PRIMARY ROUTE OF ENTRY

Eyes: CAUSES EYE IRRITATION.

Skin: MAY CAUSE SKIN IRRITATION. MAY CAUSE SKIN SENSITIZATION.

Ingestion: MAY BE HARMFUL IF SWALLOWED.

Inhalation: MAY CAUSE NOSE, THROAT, AND LUNG IRRITATION.

IV. FIRST AID MEASURES

Eyes: IN CASE OF CONTACT, IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER. GET MEDICAL ATTENTION IMMEDIATELY IF IRRITATION DEVELOPS AND PERSISTS.

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 SWALLOWED, DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL.

Inhalation: REMOVE TO FRESH AIR. IF NOT BREATHING GIVE ARTIFICIAL RESPIRATION.

V. FIRE FIGHTING MEASURES

Flash Point: 180°F

Lower Flammability Limit: NOT AVAILABLE

Upper Flammability Limit: NOT AVAILABLE

Extinguishing Agents: IN CASE OF FIRE, USE WATER SPRAY (FOG) FOAM, DRY CHEMICAL, OR CO₂.

Unusual Fire or Explosion Hazards: DURING A FIRE, IRRITATING AND/OR TOXIC GASES AND AEROSOLS FROM THE DECOMPOSITION/COMBUSTION PRODUCTS MAY BE PRESENT.

Fire Fighting Procedures: FIREFIGHTERS SHOULD WEAR SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR.

Other: AUTOIGNITION POINT: NOT AVAILABLE
FLAMMABILITY CLASS: 3A

VI. ACCIDENTAL RELEASE MEASURES

Containment/Cleanup: 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.

VII. HANDLING AND STORAGE

Other: KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. STORE IN TIGHTLY CLOSED CONTAINER AND PROTECT FROM MOISTURE AND FOREIGN MATERIAL. STORAGE TEMPERATURE 32°F MINIMUM – 122°F MAXIMUM. IF CLOSED CONTAINER OF MATERIAL IS EXPOSED TO HEAT, PRESSURE CAN BUILD UP. IF MOISTURE ENTERS DRUM, PRESSURE BUILD UP DUE TO REACTION. AT MAXIMUM STORAGE TEMPERATURE NOTED, MATERIAL MAY POLYMERIZE WITHOUT HAZARD. IDEAL STORAGE TEMPERATURE IS 50 – 81°F.
WORK/HYGIENIC PRACTICES:
WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING.

VIII. EXPOSURE CONTROLS/PERSONAL PROTECTION

Eyes: SAFETY GLASSES WITH SIDE SHIELD OR GOGGLES.

Skin: CHEMICAL RESISTANT GLOVES. LAB COAT OR OTHER WORK CLOTHING. LAUNDRY BEFORE REUSE.

Respiratory: IN AREAS WHERE THE P.E.L.'S ARE EXCEEDED, USE A PROPERLY FITTED NIOSH-APPROVED RESPIRATOR.

Engineering: USE WITH ADEQUATE GENERAL AND LOCAL EXHAUST VENTILATION.

Other: GENERAL PROTECTION: WASH THOROUGHLY AFTER HANDLING.

IX. PHYSICAL AND CHEMICAL PROPERTIES

Appearance: BLACK PASTE

Boiling Point: NOT AVAILABLE

Solubility in Water: INSOLUBLE

Specific Gravity: 1.19

Vapor Pressure: NOT AVAILABLE

Vapor Density: NOT AVAILABLE

Physical State: SOLID

Volatile Content: PERCENT VOLATILES: 5.3%
PERCENT VOC'S: 5.30

VOC CONTENT: 64.143 G/L, 0.535 LBS/GAL

Other: CHEMICAL TYPE: MIXTURE
 PACKING DENSITY: 10.1 LBS/GAL
 EVAPORATION RATE: SLOWER THAN ETHER.

X. STABILITY AND REACTIVITY

Stability: STABLE

Hazardous Polymerization: WILL NOT OCCUR.

Hazardous Decomposition Products: CO, CO², OXIDES OF NITROGEN

Products:

Incompatible Products: WATER, ALCOHOL AND AMINES

Conditions To Avoid: OPEN FLAME
 CONDITIONS TO AVOID (POLYMERIZATION): NONE KNOWN.

XI. TOXICOLOGICAL INFORMATION

Other: INGREDIENTS – CARCINOGENICITY:
 METHYLENE BISPHENYL ISOCYANATE
 LISTED IN THE IARC MONOGRAPHS.

XII. ECOLOGICAL INFORMATION

Environmental Fate and Distribution: NO DATA AVAILABLE

XIII. DISPOSAL CONSIDERATIONS

Disposal Method: DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE AND LOCAL GOVERNMENT REGULATIONS.

XIV. TRANSPORT INFORMATION

D.O.T. Shipping Name: NOT REGULATED BY D.O.T.

XV. REGULATORY INFORMATION

TSCA Status: ALL INGREDIENTS OF THIS PRODUCT ARE LISTED OR ARE EXCLUDED FROM LISTING UNDER THE U.S. TOXIC SUBSTANCES CONTROL ACT (TSCA) CHEMICAL SUBSTANCE INVENTORY.

EPA Sara Title III Chemical HAZARD CLASSES

Listings: ACUTE HEALTH HAZARD, CHRONIC HEALTH HAZARD.
 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 OF 1986 AND OF 40 CFR 372
 INGREDIENTS:
 METHYLENE BISPHENYL ISOCYANATE
 SARA TITLE III – SECTION 313 FORM "R"/TRI REPORTABLE CHEMICAL
 SARA – ACUTE HEALTH HAZARD
 SARA – CHRONIC HEALTH HAZARD
 XYLENE (MIXED ISOMERS)
 SARA TITLE III – SECTION 313 FORM "R"/TRI REPORTABLE CHEMICAL
 SARA – ACUTE HEALTH HAZARD
 SARA – CHRONIC HEALTH HAZARD
 XYLENE (MIXED ISOMERS)

SARA – FIRE HAZARD

THIS INFORMATION MUST BE INCLUDED ON ALL MSDS THAT COPIED AND DISTRIBUTED FOR THIS MATERIAL.

Other:

METHYLENE BISPHENYL ISOCYANATE
NEW JERSEY – WORKPLACE HAZARD; ENVIRONMENTAL HAZARD;
PENNSYLVANIA – WORKPLACE HAZARD; MASSACHUSETTS – HAZARDOUS
SUBSTANCE; NEW YORK CITY – HAZARDOUS SUBSTANCE
XYLENE (MIXED ISOMERS): NEW JERSEY – WORKPLACE HAZARD,
ENVIRONMENTAL HAZARD, SPECIAL HAZARD; PENNSYLVANIA –
WORKPLACE HAZARD, ENVIRONMENTAL HAZARD; MASSACHUSETTS –
HAZARDOUS SUBSTANCE; NEW YORK CITY – HAZARDOUS SUBSTANCE

XVI. OTHER INFORMATION

WARRANTY INFORMATION

THIS INFORMATION IS OFFERED IN GOOD FAITH AS TYPICAL VALUES AND NOT AS A PRODUCT SPECIFICATION. NO WARRANTY, EXPRESSED OR IMPLIED, IS HEREBY MADE. THE RECOMMENDED INDUSTRIAL HYGIENE AND SAFE HANDLING PROCEDURES ARE BELIEVED TO BE GENERALLY APPLICABLE. HOWEVER, EACH USER SHOULD REVIEW THESE RECOMMENDATIONS IN THE SPECIFIC CONTEXT OF THE INTENDED USE AND DETERMINE WHETHER THEY ARE APPROPRIATE.