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Material Safety Data Sheet
SIKAFLEX 1A

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SECTION #1 - IDENTIFICATION

Product Name: SIKAFLEX 1A

CAS Number: Not Established
Product Code: NO. 431
Formula Identification: 06/01/91
Chemical Family: POLYURETHANE

Synonyms: NO. 431
SIKAFLEX 1A ALUMINUM GRAY
SIKAFLEX 1A BLACK
SIKAFLEX 1A DARK BRONZE
SIKAFLEX 1A CAPITOL TAN
SIKAFLEX 1A COLONIAL WHITE
SIKAFLEX 1A LIMESTONE
SIKAFLEX 1A WHITE

Hazard Rating - Health: 2 Moderate
- Fire: 2 Moderate
- Reactivity: 0 Negligible
- PPE: C

Special Hazards: SENSITIZER, IRRITANT, COMBUSTIBLE

SECTION #2 - HAZARDOUS CHEMICAL COMPONENTS

Component: XYLENE, MIXED ISOMERS
CAS Number: 1330-20-7
ACGIH TLV-TWA: 100 PPM
ACGIH TLV-STEL: 150 PPM
OSHA PEL-TWA: 435 MG/M3

OSHA PEL-TWA: 100 PPM
NTP N/AP
IARC N/AP

SECTION #3 - PHYSICAL DATA

Boiling Point: N/AV°F
Melting Point: N/AV°F
Vapor Pressure: N/AV
Vapor Density (Air=1): >AIR
Specific Gravity: 1.19

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SECTION #3 - PHYSICAL DATA Continued...

Packing Density: 10#/GAL
Solubility (H2O): N/AV
Percent Volatiles: <6%/97gram
Evaporation Rate: SLOWER THAN ETHER

Appearance

PASTE

Odor

XYLENE

SECTION #4 - FIRE FIGHTING & EXPLOSION DATA

Flash Point: 143°F
Autoignition: N/AV°F

Flammability Class: CMB

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/WATER FOG/DRY CHEMICAL

Special Fire Fighting Instructions

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

SECTION #5 - EXPOSURE and EFFECTS - INHALATION

Routes of Exposure - Inhalation

MAY CAUSE A REVERSIBLE INFLAMMATORY EFFECT ON THE UPPER RESPIRATORY SYSTEM.

First Aid - Inhalation

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

SECTION #5 - EXPOSURE and EFFECTS - SKIN

Routes of Exposure - Skin

MAY CAUSE A REVERSIBLE INFLAMMATORY EFFECT ON SKIN OR TISSUE AT THE SITE OF CONTACT. CAUSES AN ALLERGIC SENSITIZATION IN A SUBSTANTIAL PROPORTION OF HUMANS OR ANIMALS IN NORMAL TISSUE AFTER REPEATED EXPOSURES.

First Aid - Skin

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

SECTION #5 - EXPOSURE and EFFECTS - EYES

Routes of Exposure - Eyes

EYE IRRITANT

First Aid - Eyes

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

SECTION #5 - EXPOSURE and EFFECTS - INGESTION

Routes of Exposure - Ingestion

MAY CAUSE EFFECTS TO THE GI TRACT, USUALLY RESULTING FROM INGESTION OF THE MATERIALS, SUCH AS IRRITATION, NAUSEA, GI DISORDERS, ULCERATION, DIARRHEA OR CONSTIPATION.

First Aid - Ingestion

DILUTE WITH WATER. DO NOT INDUCE VOMITING. CONSULT PHYSICIAN.

SECTION #5 - MISCELLANEOUS TOXICOLOGICAL INFORMATION

SIKAFLEX 1A TESTED ACCORDING TO FHSIA 16 CFR-1500 HAS SHOWN:
PRIMARY SKIN IRRITANT
EYE IRRITANT
NOT TOXIC ORALLY
NOT TOXIC BY INHALATION
NOT TOXIC DERMALLY

SECTION #5 - HEALTH CONDITIONS AGGRAVATED BY EXPOSURE

ASTHMA TYPE CONDITIONS, CHRONIC BRONCHITIS AND OTHER CHRONIC RESPIRATORY CONDITIONS. PRESENSITIZATION TO PRODUCT.

SECTION #6 - REACTIVITY & POLYMERIZATION

Stability: STABLE

Conditions to Avoid (Stability)

OPEN FLAME, HEAT

Incompatible Materials

WATER, ALCOHOLS AND AMINES

Hazardous Decomposition Products

CO, CO₂, OXIDES OF NITROGEN

Conditions to Avoid (Polymerization)

NONE KNOWN

Hazardous Polymerization: WILL NOT OCCUR

SECTION #7 - SPILL, LEAK, & DISPOSAL PROCEDURES

Steps to be Taken in The Event of Spills, Leaks, or Release

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

Waste Disposal Methods

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

SARA Hazard Classes: Acute Health Hazard
Chronic Health Hazard
Fire Hazard

SECTION #7 - SPILL, LEAK, & DISPOSAL PROCEDURES Continued...**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:

CAS #	Chemical Name	Percent of Mixture
1330-20-7	XYLENE, MIXED ISOMERS	Unknown

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

Other Environmental Information

COMPONENT NAME /CAS NUMBER	CONCENTRATION	STATE CODE
XYLENE - 1330-20-7	<18%	ILL, MAS, NJE, NJS, NJW, PAE, PAW

ILL = REGULATED ON ILLINOIS TOXIC SUBSTANCE LIST
MAS = MASSACHUSETTS HAZARDOUS SUBSTANCE LIST
NJE = NEW JERSEY ENVIRONMENTAL HAZARDOUS SUBSTANCE
NJW = NEW JERSEY RIGHT TO KNOW HAZARDOUS SUBSTANCE
NJS = NEW JERSEY SPECIAL HEALTH HAZARD SUBSTANCE
PAE = PENNSYLVANIA ENVIRONMENTAL HAZARDOUS SUBSTANCE
PAS = PENNSYLVANIA SPECIAL HAZARDOUS SUBSTANCE
PAW = PENNSYLVANIA WORKPLACE HAZARDOUS SUBSTANCE
C65 = CALIFORNIA PROPOSITION 65

VOC - 97 GRAMS/LITER

SECTION #8 - SPECIAL PROTECTIVE MEASURES**Ventilation**

LOCAL EXHAUST HIGHLY RECOMMENDED. MECHANICAL EXHAUST HIGHLY RECOMMENDED.

Eye Protection

SAFETY GLASSES/CHEMICAL GOGGLES.

Skin Protection

CHEMICALLY RESISTANT RUBBER OR PLASTIC GLOVES. WEAR LONG SLEEVE SHIRT AND LONG PANTS. AVOID SKIN CONTACT.

SECTION #8 - SPECIAL PROTECTIVE MEASURES Continued...**Respiratory Protection**

USE OF NIOSH/MSA APPROVED ORGANIC VAPOR RESPIRATOR RECOMMENDED IF VENTILATION IS NOT ADEQUATE.

SECTION #9 - SPECIAL PRECAUTIONS - STORAGE & HANDLING**Storage & Handling Conditions**

STORAGE TEMPERATURE 32F MINIMUM - 122F MAXIMUM. KEEP AWAY FROM HEAT, SPARKS AND OPEN FLAME. STORE IN TIGHTLY CLOSED CONTAINER. IF CLOSED CONTAINER IS EXPOSED TO HEAT, PRESSURE CAN BUILD UP. PROTECT FROM MOISTURE AND FOREIGN MATERIALS. IF MOISTURE ENTERS CONTAINER, PRESSURE BUILD UP DUE TO REACTION. STORAGE ABOVE 122F MAY CAUSE POLYMERIZATION WITHOUT HAZARD. IDEAL STORAGE TEMPERATURE 50-80F.

SECTION #10 - SHIPPING INFORMATION

Proper Shipping Name: COMBUSTIBLE SOLID N.O.S. - XYLENE

Hazard Class: COMBUSTIBLE SOLID N.O.S.
DOT Identification Number: NA1993

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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