**SECTION #1 - IDENTIFICATION**

**Product Name:** SIKAFALEX 1A

**CAS Number:** Not Established

**Trade Name:** SiKAFALEX 1A

**IUPAC Identification:** 06/01/91

**Chemical Family:** POLYURETHANE

**Synonyms:**
- SIKAFALEX 1A ALUMINUM GRAY
- SIKAFALEX 1A BLACK
- SIKAFALEX 1A DARK BRONZE
- SIKAFALEX 1A CAPITOL TAN
- SIKAFALEX 1A COLONIAL WHITE
- SIKAFALEX 1A LIMESTONE
- SIKAFALEX 1A WHITE

**MSIS 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:** 1130-28-7
- **ACGIH TLV-TWA:** 100 PPM
- **OSHA PEL-TWA:** 100 PPM
- **ACGIH TLV-STEL:** 150 PPM
- **OSHA PEL-STEL:** 435 MG/M3

**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

**SECTION #4 - FIRE FIGHTING & EXPLOSION DATA**

- **Flash Point:** 143°F
- **Autoignition:** N/AV°F
- **Flammability Class:** 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/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

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

SECTION 5 - MISCELLANEOUS TOXICOLOGICAL INFORMATION

SIRAFLEX 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 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)

HORE 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:

<table>
<thead>
<tr>
<th>CAS</th>
<th>Chemical Name</th>
<th>Percent of Mixture</th>
</tr>
</thead>
<tbody>
<tr>
<td>1330-20-7</td>
<td>XYLENE, MIXED ISOMERS</td>
<td>Unknown</td>
</tr>
</tbody>
</table>

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

Other Environmental Information

<table>
<thead>
<tr>
<th>COMPONENT NAME /CAS NUMBER</th>
<th>CONCENTRATION</th>
<th>STATE CODE</th>
</tr>
</thead>
<tbody>
<tr>
<td>XYLENE - 1330-20-7</td>
<td>&lt;18%</td>
<td>ILL, MAS, NJE, NJS, NJM, PAE, PAW</td>
</tr>
</tbody>
</table>

ILL = REGULATED ON ILLINOIS TOXIC SUBSTANCE LIST
MAS = MASSACHUSETTS HAZARDOUS SUBSTANCE LIST
NJE = NEW JERSEY ENVIRONMENTAL HAZARDOUS SUBSTANCE
NJH = NEW JERSEY HAZARDOUS SUBSTANCE LIST
NJS = NEW JERSEY SPECIAL HEALTH HAZARD SUBSTANCE
PAE = PENNSYLVANIA ENVIRONMENTAL HAZARDOUS SUBSTANCE
PAW = PENNSYLVANIA SPECIAL 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 #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: NA193

DISCLAIMER OF EXPRESSED AND IMPLIED WARRANTIES

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