



# MATERIAL SAFETY DATA SHEET

SIKAFLEX 221

# 2342

MSDS REC'D by Trane March 13, 2001

SEL00439

<b>HMIS</b>	
<b>HEALTH</b>	<b>2</b>
<b>FLAMMABILITY</b>	<b>1</b>
<b>REACTIVITY</b>	<b>0</b>
<b>PERSONAL PROTECTION</b>	<b>C</b>

## 1. Product And Company Identification

<b>Supplier</b> SIKA CORPORATION 201 Polito Ave Lyndhurst, NJ 07071  Company Contact: Kristin Kelley Telephone Number: (201) 933-8800 FAX Number: (201) 933-9379 Web Site: www.sikausa.com	<b>Manufacturer</b> Sika Corp. 201 Polito Ave. Lyndhurst, NJ 07071 U.S.A.  Company Contact: Kristin Kelley Telephone Number: 201-933-8800 FAX Number: 201-933-9379 Web Site: www.sikasolutions.com
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<b>Supplier Emergency Contacts &amp; Phone Number</b> CHEMTREC: 800-424-9300 INTERNATIONAL: 703-527-3887	<b>Manufacturer Emergency Contacts &amp; Phone Number</b> CHEMTREC: 800-424-9300 INTERNATIONAL: 703-527-3887
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Issue Date: 10/12/2000

Product Name: SIKAFLEX 221  
 CAS Number: Not Established  
 Chemical Family: PUR SEALANT  
 MSDS Number: 1770  
 Product Code: 221

**Product Identification Text**  
 PRODUCT OWNER - ADRIAN VAN MAURIK

## 2. Composition/Information On Ingredients

Ingredient Name	CAS Number	Percent Of Total Weight
TRADESECRET POLYURETHANE PREPOLYMER	Not Establis	
XYLENE (MIXED ISOMERS)	1330-20-7	1 - 5

## 3. Hazards Identification

**Eye Hazards**  
 EYE IRRITANT.

**Skin Hazards**  
 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 Hazards

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

#### Inhalation Hazards

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.

### 4. First Aid Measures

#### Eye

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.

### 5. Fire Fighting Measures

**Flash Point:** 143 °F

**Autoignition Point:** 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/DRY CHEMICAL/CO2/WATER FOG

#### Fire Fighting Instructions

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

### 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.

### 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

LOCAL EXHAUST HIGHLY RECOMMENDED. VENTILATION SHOULD BE SUFFICIENT TO REDUCE AIR CONTAMINANTS TO BELOW PELs. MECHANICAL EXHAUST HIGHLY RECOMMENDED.

#### Eye/Face Protection

SAFETY GLASSES/CHEMICAL GOGGLES

#### Skin Protection

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

#### Respiratory Protection

IF PELs ARE EXCEEDED, WEAR APPROPRIATE PROPERLY FITTED NIOSH APPROVED RESPIRATOR.

#### Ingredient(s) - Exposure Limits

TRADE SECRET POLYURETHANE PREPOLYMER

EXPOSURE LIMITS NOT ESTABLISHED

XYLENE (MIXED ISOMERS)

ACGIH TLV-STEL 150 ppm

ACGIH TLV-TWA 100 ppm

OSHA PEL-TWA 100 ppm

### 9. Physical And Chemical Properties

#### Appearance

PASTE (SOLID)

#### Odor

AROMATIC

**Chemical Type:** Pure

**Melting Point:** N/AV °F

**Boiling Point:** N/AV °F

**Specific Gravity:** 1.19

**Molecular Weight:** 0.00

**Percent Volatiles:** 4.4

**Percent VOCs:** 4.40

**Packing Density:** 10.60#/GAL

**Vapor Pressure:** N/AV

**Vapor Density:** N/AV

**Solubility:** INSOLUBLE

**Evaporation Rate:** SLOWER THAN ETHER

VOC content 52.36 g/l 0.44 lbs/gal

### 10. Stability And Reactivity

**Stability:** STABLE

**Hazardous Polymerization:** WILL NOT OCCUR

#### Conditions To Avoid (Stability)

OPEN FLAME, HEAT

#### Incompatible Materials

WATER, ALCOHOL, AMINES

#### Hazardous Decomposition Products

CO, CO2, OXIDES OF NITROGEN, SMOKE, FUMES

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### 11. Toxicological Information

#### Miscellaneous Toxicological Information

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

#### Conditions Aggravated By Exposure

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

### 12. Ecological Information

No Data Available...

### 13. Disposal Considerations

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

### 14. Transport Information

#### Proper Shipping Name

NOT D.O.T REGULATED

### 15. Regulatory Information

#### U.S. Regulatory Information

All ingredients of this product are listed or are excluded from listing under the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory.

#### SARA Hazard Classes

Acute Health Hazard  
Chronic Health Hazard

#### SARA Section 313 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. This information must be included in all MSDSs that are copied and distributed for this material.

#### Ingredient(s) - U.S. Regulatory Information

XYLENE (MIXED ISOMERS)  
SARA Title III - Section 313 Form "R"/TRI Reportable Chemical  
SARA - Acute Health Hazard  
SARA - Chronic Health Hazard  
SARA - Fire Hazard

#### Ingredient(s) - State Regulations

XYLENE (MIXED ISOMERS)  
New Jersey - Workplace Hazard  
New Jersey - Environmental Hazard  
New Jersey - Special Hazard  
Pennsylvania - Workplace Hazard  
Pennsylvania - Environmental Hazard  
Massachusetts - Hazardous Substance  
New York City - Hazardous Substance

### 16. Other Information

#### HMIS Rating

Health: 2

Fire: 1

Reactivity: 0

PPE: C

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### 16. Other Information - Continued

#### HMIS Rating - Continued

#### Disclaimer

The data in this Material Safety Data Sheet relates only to the specific material herein and does not relate to use in combination with any other material or in any process. The information set forth herein is based on technical data that Sika believes to be reliable as of the date hereof. Since conditions of use are outside our control, we make no warranties, express or implied and assume no liability in connection with any use of this information. Nothing herein is to be taken as a license to operate under or a recommendation to infringe any patents.

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