

Local Phone: 203-575-9220

MATERIAL SAFETY DATA SHEET

Business Hours: 8 am - 5 pm

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1-800-255-3924

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Supersedes All Previous Publications

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SECTION I PRODUCT INFORMATION

PRODUCT NAME AND SYNONYMS: 2001 INC. MULTI-PURPOSE SEALANT  
Chemical Family: Polyurethane

<b>HMIS Rating</b>	
Health:	*2
Fire:	1
Reactivity:	0
PPE:	C

SECTION II COMPOSITION/INFORMATION ON INGREDIENTS

	CAS #	PERCENT
Polyisocyanate Prepolymer	Trade Secret	
Xylene (Mixed isomers)	1330-20-7	4

SECTION III HAZARDOUS IDENTIFICATION

- Eye Hazards:** Causes eye irritation.
- Skin Hazards:** May cause skin irritation. Prolonged and/or repeated skin contact may cause an allergic reaction/sensitization.
- Ingestion Hazards:** May be harmful if swallowed.
- Inhalation Hazards:** May cause nose, throat, and lung irritation. May cause respiratory tract irritation. May cause an allergic respiratory reaction/sensitization after prolonged or repeated contact. Reports have associated repeated and prolonged exposure to some of the chemicals in this product with permanent brain, liver, kidney, and Central Nervous System damage. Headaches and dizziness may result.

SECTION IV FIRST AID MEASURES

- First Aid:**
  - Eyes:** In case of contact, hold eyelids apart and immediately flush eyes with plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation develops and persists.
  - Skin:** In case of contact, immediately flush skin with soap and plenty of tepid water for at least 15 minutes. Get medical attention immediately if irritation (redness, rash, blistering) develops and persists.
  - Inhalation:** Remove to fresh air. If not breathing, give artificial respiration. Seek medical attention immediately.
  - Ingestion:** If swallowed, do not induce vomiting unless directed to do so by medical personnel. If victim is fully conscious, give one or two cups of water or milk to drink. Seek medical attention immediately.

SECTION V FIRE FIGHTING MEASURES

- Extinguishing Media:** In case of fire, use water spray (fog) foam, dry chemical, or CO2.
- Fire Fighting Instructions:** Firefighters should wear self-contained breathing apparatus and full protective gear.
- Fire and Explosion Hazards:** During a fire, irritating and/or toxic gases and aerosols from the decomposition/combustion products may be present.

Flash Point: N/A °F  
Flash Point Method: Solid per ASTM D4359  
Auto-ignition Point: N/A °F  
Lower Explosive Limit: N/AV  
Upper Explosive Limit: N/AV

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=====SECTION VI ACCIDENTAL RELEASE MEASURES=====

Avoid release to the environment. Use appropriate Personal Protective Equipment (PPE). Contain spill and collect with absorbent material and transfer into suitable containers. Do not flush to sewer or allow to enter waterways. Ventilate enclosed area.

=====SECTION VII HANDLING & STORAGE=====

- Handling and Storage:** Keep out of reach of children. Not for internal consumption.
- Handling Precautions:** Condition to 65-85° F before using. If closed container is exposed to heat, pressure can build up. If moisture enters container, pressure may build up due to reaction.
- Storage Precautions:** Store at 40—95° F. Store in cool dry area in tightly closed containers, away from sparks and open flames.
- Work/Hygienic Practices:** Wash thoroughly with soap and water after handling.

=====SECTION VIII EXPOSURE CONTROLS/PERSONAL PROTECTION=====

- Engineering Controls:** Use of a system of local and/or general exhaust is recommended to keep employee below applicable exposure limits. Refer to the current edition of "Industrial Ventilation: A Manual of Recommended Practice" published by the American Conference of Governmental Industrial Hygienists for information on the design, installation, use and maintenance of exhaust systems.
- Eye/Face Protection:** Safety glasses with side shields or goggles.
- Skin Protection:** Chemical-resistant gloves. Lab coat or other work clothing. Launder before reuse.
- Respiratory Protection:** A respirator protection program that meets 29 CFR 1910.134 requirement must be followed whenever work-place conditions warrant a respirator's use. In areas where the Permissible Exposure Limits are exceeded, use a properly fitted NIOSH-approved respirator.
- General Protection:** Wash thoroughly after handling.

**Ingredient(s) - Exposure Limits:**

- POLYISOCYANATE PREPOLYLMER
- ACGIH TLV: NOT ESTABLISHED
- OSHA PEL: NOT ESTABLISHED
- IARC: NO
- NTP: NO
- XYLENE (MIXED ISOMERS)
- OSHA PEL—TWA: 100 PPM
- OSHA PEL—STEL: 150 PPM
- ACGIH TLV—TWA: 100 PPM
- ACGIH TLV—STEL: 150 PPM
- CONTAINS 15% ETHYL BENZENE 100-41-4
- ETHYL BENZENE OSHA PEL/STEL: 100 PPM / 125 PPM

=====SECTION IX PHYSICAL & CHEMICAL PROPERTIES=====

- Appearance** Paste (solid) in all colors.
- Odor** Aromatic Odor
- Chemical Type:** Mixture
- Melting Point:** N/AV° F
- Specific Gravity:** 1.19
- Percent VOCs:** <4%
- Vapor Pressure:** N/AV
- Solubility:** N/AV
- VOC Content:** 47.6 grams/liter
- Physical State:** Solid
- Boiling Point:** N/AV° F
- Percent Volatiles:** <4%
- Packing Density:** 10.56 pounds/gallon
- Vapor Density:** < AIR
- Evaporaiton Rate:** Slower than ether

=====SECTION X STABILITY & REACTIVITY=====

- Stability:** Stable
- Hazardous Polymerization:** Will not occur
- Conditions to Avoid/Stability:** Open flame, heat
- Incompatible Materials:** Water, Alcohols and Amines
- Hazardous Decomposition Products:** CO, CO2, NOx, Smoke, Fumes

=====SECTION XI TOXICOLOGICAL INFORMATION=====

No Data Available.

=====SECTION XII ECOLOGICAL INFORMATION=====

No Date Available.

=====SECTION XIII DISPOSAL CONSIDERATIONS=====

Dispose in accordance with applicable federal, state and local government regulators. Waste generators must determine whether a discarded material is classified as a hazardous waste. USEPA guidelines for the classification determination are listed in 40 CFR Parts 261.3. Additionally, waste generators must consult state and local hazardous waste regulations to ensure complete and accurate classi-

=====SECTION XIV TRANSPORT INFORMATION=====

Proper Shipping Name: Not regulated by the USDOT.

=====SECTION XV 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 Title III—Section 313 Supplier Notification:** This product contains the following toxic chemicals that are subject to the reporting requirements of section 313 of the Emergency Planning and Community Right-To-Know Act 9EFCRA) of 1986 and of 40 CFR 372.

XYLENE (MIXED ISOMERS) (1330-20-7) <4%

This information must be included on 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

**DISCLAIMER:** The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state and local laws and regulations. Prepared By: 2001 Inc.