



# MATERIAL SAFETY DATA SHEET

**NAME OF PRODUCT: URETHANE SEALER**

**MSDS DATE:** 07/07/2010

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## SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

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**PRODUCT NAME:** Urethane Sealer

**SYNONYMS:** Polyurethane

**PRODUCT CODES:** XS-008

**MANUFACTURER:** Xcel Surfaces  
**ADDRESS:** 3750 W. Indian School Road  
Phoenix, AZ 85019

**EMERGENCY PHONE:** 800-644-9131  
**CHEMTREC PHONE:** 800-424-9300  
**OTHER CALLS:** 602-636-6720  
**FAX PHONE:** 602-636-6724

**CHEMICAL NAME:** Epoxy Resin Solution  
**CHEMICAL FAMILY:**  
**CHEMICAL FORMULA:**

**PREPARED BY:** Xcel Surfaces

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## SECTION 2: COMPOSITION/INFORMATION ON INGREDIENTS

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<u>INGREDIENT:</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>
Triethylamine	000121-44-8	1-2	
Methyl-2- Pyrrolidone	000872-50-4	16.17	
Urethane Polymer	Proprietary	31-35	

	<u>ppm</u>	<u>mg/m3</u>
<b>OSHA PEL-TWA:</b>		
<b>OSHA PEL STEL :</b>	25	100
<b>OSHA PEL CEILING:</b>	NR	NR
<b>ACGIH TLV-TWA:</b>	10	40
<b>ACGIH TLV STEL:</b>		
<b>ACGIH TLV CEILING</b>		



# MATERIAL SAFETY DATA SHEET

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## SECTION 3: HEALTH HAZARDS DATA

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### POTENTIAL HEALTH EFFECTS

**EYES:** May cause mild irritation. Symptoms include stinging, tearing and redness.

**SKIN:** May cause mild skin irritation. Symptoms include redness, itching or burning

**INGESTION:** Swallowing is not likely to be harmful.

**INHALATION:** May cause headache, nausea and irritation of the nose, throat or lungs.

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## SECTION 4: FIRST AID MEASURES

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**EYES:** Flush eyes with water while holding eyelids open. If symptoms persist or any visual difficulty seek medical attention.

**SKIN:** Remove contaminated clothing. Wash exposed area with soap and water. If symptoms persist seek medical attention.

**INGESTION:** First aid is not normally required. If symptoms persist seek medical attention.

**INHALATION:** Move into fresh air. If symptoms persist seek medical attention. If breathing is difficult administer oxygen, seek immediate medical attention.

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## SECTION 5: FIRE-FIGHTING MEASURES

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**FLAMMABLE LIMITS IN AIR, UPPER:** 1.8  
**(% BY VOLUME) LOWER:** 1.2

**FLASH POINT:**  
F: 200°F

**AUTOIGNITION TEMPERATURE:**  
F:

### NFPA HAZARD CLASSIFICATION

**HEALTH:** 3                      **FLAMMABILITY:** 1                      **REACTIVITY:** 0  
**OTHER:**

### HMIS HAZARD CLASSIFICATION

**HEALTH:** 3                      **FLAMMABILITY:** 1                      **REACTIVITY:** 0  
**PROTECTION:** G



# MATERIAL SAFETY DATA SHEET

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## SECTION 5: FIRE-FIGHTING MEASURES CONTUNITED

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**EXTINGUISHING MEDIA:** Use foam, carbon dioxide or chemical fire fighting apparatus.

**SPECIAL FIRE FIGHTING PROCEDURES:**

**UNUSUAL FIRE AND EXPLOSION HAZARDS:** Material can splatter from container above 100°C/212°F

**HAZARDOUS DECOMPOSITION PRODUCTS:**

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## SECTION 6: ACCIDENTAL RELEASE MEASURES

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**ACCIDENTAL RELEASE MEASURES:** Steps to be taken in case material is spilled or released: Eliminate all sources if ignition. Ventilate area. Soak up spill with absorbent floor material and shovel into container. Seal and remove containers.

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## SECTION 7: HANDLING AND STORAGE

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**HANDLING AND STORAGE:** Precaution to be taken in handling and storage: Keep away from any source of ignition. Store in original container. Keep tightly closed. Store in cool dry area. Do not allow to freeze. Do not reuse container for other purposes.

**OTHER PRECAUTIONS:** Keep out of reach of Children.

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## SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

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**ENGINEERING CONTROLS:** No Specific controls needed

**VENTILATION:** Allow fresh air flow.

**RESPIRATORY PROTECTION:** Approved NIOSH respirator

**EYE PROTECTION:** Safety splash goggles in compliance with OSHA regulations.

**SKIN PROTECTION:** Gloves should be worn to prevent skin contact along with impervious clothing and shoes.

**OTHER PROTECTIVE CLOTHING OR EQUIPMENT:** Facilities storing or utilizing this material should be equipped with eyewash station.



# MATERIAL SAFETY DATA SHEET

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## SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

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**APPEARANCE:** Clear Liquid

**ODOR:** Mild

**PHYSICAL STATE:** Liquid

**PH AS SUPPLIED:**

**PH (Other):**

**BOILING POINT:**

F: 192°F

C: 89°C

**MELTING POINT:**

**FREEZING POINT:**

**VAPOR PRESSURE (mmHg):** 20

@ 70°F

**VAPOR DENSITY (AIR = 1):** >1

@

**SPECIFIC GRAVITY (H<sub>2</sub>O = 1):** 1.05

@

**EVAPORATION RATE:** Slower than Butyl Acetate

**SOLUBILITY IN WATER:** Miscible

**PERCENT SOLIDS BY WEIGHT:**

**PERCENT VOLATILE:** 60

**VOLATILE ORGANIC COMPOUNDS (VOC):**

<b>WITH WATER:</b>	<b>LBS/GAL</b>
<b>WITHOUT WATER:</b>	<b>LBS/GAL</b>

**MOLECULAR WEIGHT:**

**VISCOSITY:**



# MATERIAL SAFETY DATA SHEET

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## SECTION 10: STABILITY AND REACTIVITY

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**CONDITIONS TO AVOID (STABILITY):** Temperatures over 177°C/350°F

**INCOMPATIBILITY (MATERIAL TO AVOID):** Strong Oxidizers

**HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:**

**HAZARDOUS POLYMERIZATION:** Will not occur

**CONDITIONS TO AVOID (POLYMERIZATION):** Strong Oxidizers

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## SECTION 11: DISPOSAL CONSIDERATIONS

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**WASTE DISPOSAL METHOD:** Dispose of in accordance with all applicable federal, state; local regulations.

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## SECTION 12: TRANSPORT INFORMATION

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**U.S. DEPARTMENT OF TRANSPORTATION:** Not regulated for transport.

**CLASS:** 55

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## SECTION 13: REGULATORY INFORMATION

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### U.S. FEDERAL REGULATIONS

**TSCA:** All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substance Control Act Chemical substance inventory.

**CERCLA :** (40CFR302.4) Release of this material to air, land, or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation and Liability Act or to Reauthorization Act Title III Section 304

**SARA TITLE III:** Section 311/312 Categorizations (40CFR370): This product is not a hazardous chemical under 29CFR 1910.1200 and therefore is not covered by Title III of SARA.

**HAZARD CATEGORIES:** This product is considered non- hazardous under OSHA Hazard Communication Standard (29CFR1910.1200)

**313 REPORTABLE INGREDIENTS:** This product does not contain a chemical which is listed in Section 313 at or above minimum concentrations.

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## SECTION 14: OTHER INFORMATION

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**DISCLAIMER:** The information contained herein is based on the data available to Xcel and is believed to be correct. However, Xcel Surfaces makes no warranty, expressed or implied regarding the accuracy of this data or the results to be obtained from the use thereof. Xcel Surfaces assumes no responsibility for injury for the use of the products described herein.