

## Material Safety Data Sheet

May be used to comply with  
OSHA's Hazard Communication Standard  
29 CFR 1910.1200. Standard must be  
consulted for specific requirements.

### PRODUCT IDENTITY – SECTION I

Product Name: <b>FORM SEAL</b> CAS #: See Below Manufacturer: Reichold Chemicals Address: P.O. Box 13582 Durham, NC 27709	Emergency Tel: (800) 424-9300 Revision Date: 10 April 2010 Other Tel: (301) 336-9300 Fax: (301) 336-6597
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### HAZARDOUS INGREDIENTS / OTHER COMPONENTS – SECTION II

MATERIAL / CAS #	ACGIH (TLV – TWA)	OSHA (PEL -TWA)
Xylene /CAS # 1330-20-7 Ethyl Benzene /CAS # 100-41-4 Toluene Disocyanate /CAS # 26471-62-5	100 ppm 100 ppm 0.02 ppm	100 ppm 100 ppm TWA: 0.005 ppm

### PHYSICAL DATA – SECTION III

<b>APPEARANCE</b> Viscous Liquid	<b>ODOR</b> Mild odor	<b>MELT POINT</b> N/A	<b>SPECIFIC GRAVITY</b> 0.985
<b>VAPOR DENSITY</b> 6.0 (air =1)	<b>% VOLATILE BY VOLUME</b> 7.83 %	<b>BULK DENSITY</b>	<b>BOILING POINT</b> 135°C - 254°C
<b>VAPOR PRESSURE</b> 5.5 mmHG at 25 C	<b>% SOLUBILITY (H2O)</b>		

### FIRE AND EXPLOSION HAZARD DATA – SECTION IV

<b>FLASH POINT:</b> 81° F			<b>NFPA FIRE HAZARDS</b>		
<b>FLAMMABLE LIMITS</b>	<b>LEL:</b> 1.0 %	<b>UEL:</b> 7 %	<b>HEALTH</b>	3	
<b>EXTINGUISHING MEDIA:</b> Foam or dry chemicals				<b>FLAMMABILITY</b>	3
<b>SPECIAL FIRE FIGHTING PROCEDURES:</b> Use self-contained breathing apparatus. Keep container cool. Ventilate area as much as possible.					<b>REACTIVITY</b>
				<b>UNUSUAL FIRE AND EXPLOSION HAZARDS:</b>	
<b>DECOMPOSITION PRODUCTS UNDER FIRE CONDITIONS:</b> Carbon Monoxide		4 = EXTREME 3 = HIGH 2 = MODERATE 1 = SLIGHT 0 = INSIGNIFICANT			
		<b>EMPTY CONTAINER WARNING:</b> Empty containers retain hazardous residue. Do not cut or weld.			

REACTIVITY DATA – SECTION V				
<b>STABILITY:</b> Stable & polymerization will not occur		<b>CONDITIONS TO AVOID:</b> None known		
<b>INCOMPATIBILITY (MATERIAL TO AVOID):</b> Water, moisture, or amines.				
<b>HAZARDOUS DECOMPOSITION OR BYPRODUCTS:</b> Carbon Monoxide and other nitrogenous products.				
<b>HAZARDOUS POLYMERIZATION:</b> Will not occur		<b>CONDITIONS TO AVOID:</b> None known		
HEALTH HAZARD DATA – SECTION VI				
<b>Route(s) of Entry:</b>	<b>Inhalation?</b>	Yes	<b>Skin?</b>	Yes
			<b>Ingestion?</b>	Yes
<b>HEALTH HAZARDS (ACUTE &amp; CHRONIC):</b> Irritation of skin and eye, and respiratory tract. Inhalation of vapors may cause headaches, dizziness, nausea, and unconsciousness.				
<b>CARCINOGENICITY:</b> None	<b>NTP?</b>	N/A	<b>IARC Monographs?</b>	N/A
			<b>OSHA?</b>	N/A
<b>MEDICAL CONDITIONS GENERALLY AGGRAVATED by EXPOSURE:</b> Defatting of skin, eye irritation, dizziness, and headaches				
EMERGENCY AND FIRST AID PROCEDURES				
<b>EYE CONTACT:</b> If splashed into eyes, rinse eyes with large amounts of water for at least 15 minutes or until irritation subside, and get immediate medical attention.				
<b>SKIN CONTACT:</b> In case of skin contact, remove any contaminated clothing, wash skin thoroughly with soap and water; flush exposed area with large quantities of water and get medical attention.				
<b>INHALATION:</b> If overcome by vapor, remove person to fresh air if breathing is difficult, and give oxygen; seek medical attention. If breathing has stopped, start resuscitation, and administer oxygen if available. Seek immediate medical attention.				
<b>INGESTION:</b> If ingested, <u>DO NOT</u> induce vomiting; call a physician immediately.				
PRECAUTIONS FOR SAFE HANDLING AND USE – SECTION VII				
<b>Steps to be taken in case material is released or spilled:</b> Ventilate area. Remove all sources of heat and sparks. Collect spill with absorbent materials. Flush area with water.				
<b>Waste Disposal Method:</b> Incinerate in a furnace in accordance with Federal, State, and Local regulations.				
<b>Precautions to be taken in handling and storing:</b> Store in cool, well-ventilated area. Keep containers closed when not in use. Separate from oxidizing agents and alkalis. Avoid skin contact; remove contaminated clothing.				
CONTROL MEASURES – SECTION VIII				
<b>Respiratory or breathing apparatus:</b>				
<b>Ventilation:</b> Yes	<b>Local Exhaust:</b>		<b>Special:</b>	
	<b>Mechanical:</b>		<b>Other:</b>	
<b>Protective Gloves:</b> Chemical resistant/rubber		<b>Eye Protection:</b> Face shield or goggles		
<b>Other Protective Clothing or Equipment:</b> Chemical resistant apron, boots and other protective gear.				
TRANSPORTATION INFORMATION				
UN1866, RESIN SOLUTION, 3, PG:II (Labels: FLAMMABLE LIQUID)				