

09-05400

U-865 CATALYST

# MATERIAL SAFETY DATA SHEET

FOR COATINGS RESINS AND RELATED MATERIALS

PRODUCT NAME : Urethane Catalyst  
PRODUCT CODE : U-865.(Part B)

HMIS CODES : H F R P  
PRODUCT CLASS : 3 (Urethane Catalyst)

## SECTION I- MANUFACTURER IDENTIFICATION

PREPARED BY: Poly-Fiber, Inc.  
P.O. Box 3129 Riverside, CA 92519  
STREET ADDRESS: 4320 Rubidoux Blvd. Riverside CA 92509  
DATE OF PREP: 5-1-00  
NAME OF PREPARER: Conrad Angenent  
EMERGENCY TELEPHONE NO. - Chemtrec (800) 424-9300, Int'l (703)527-3887 (International Call Collect)  
INFORMATION TELEPHONE NO. - (909) 684-4280 (909)360-6792 (909)637-3718

## SECTION II- HAZARDOUS INGREDIENTS/ SARA III INFORMATION

REPORTABLE COMPONENTS	OCCUPATIONAL EXPOSURE LIMITS	WT. %	VAPOR PRESSURE	TOXICITY DATA
Homo Polymer of HDI (CAS# 28182-81-2)	Not Established	36.28	.000075 mm Hg @20 C	Oral, Dermal, Inhalation
HDl	Not Established	>0.02	@20 C	Inhalation, Skin
Butyl Acetate * (CAS# 123-86-4)	150 PPM	12.10	10.00 mm Hg @ 20 C	Moderate skin irritant.
Glycol Ether PM Acetate (CAS# 108-65-6)	Not established.	51.61	3.70 mm Hg @ 25°C	Not established

\*This material is subject to the reporting requirements of section 313 of the Emergency Planning and the Community Right-To-Know Acts of 1986 and of 40 CFR 372.

## SECTION III- PHYSICAL DATA

BOILING RANGE : 248-302° F  
VAPOR DENSITY : Heavier than air  
COATING V.O.C. : 5.35 lb/gal 641 gr/l  
APPEARANCE AND ODOR : Clear liiquid. Laquer odor.  
SPECIFIC GRAVITY (H2O= 1) : 1.01  
EVAPORATION RATE : Slower than ether  
SOLUBILITY IN WATER : Insoluble

## SECTION IV- FIRE AND EXPLOSION HAZARD DATA

FLASH POINT : 110° F  
FLAMMABLE LIMITS IN AIR BY VOLUME :  
EXTINGUISHING MEDIA : CO2, Dry Chemical, Water Fog  
METHOD USED : TCC  
LOWER: UPPER  
SPECIAL FIREFIGHTING PROCEDURES : Do not use a direct stream of water. Product may float and can be reignited on the surface of the water. Do not enter a confined area without full bunker gear including a positive pressure NIOSH approved self-contained breathing apparatus. Decomposition products may form toxic materials.  
UNUSUAL FIRE AND EXPLOSION HAZARDS: Never use welding or cutting torch on or near drum (even empty) because residue or product can ignite explosively. Vapors are heavier than air and may travel along the ground or be moved by ventilation and ignited by pilot lights, flames and other ignition sources at locations distant from the material handling point  
Flammable material.

## SECTION V- HEALTH HAZARD DATA

INHALATION HEALTH RISKS AND SYMPTOMS OF EXPOSURE: Breathing vapor may irritate the nose and throat. Central nervous system effects including excitation, euphoria, contracted eye pupil, dizziness, blurred vision, fatigue, nausea, headache, loss of consciousness, respiratory arrest and sudden death could occur of long term and/or high concentration exposures to vapors.  
SKIN AND EYE CONTACT HEALTH RISKS AND SYMPTOMS OF EXPOSURE : Contact with the skin or eyes may cause irritation. Prolonged or repeated contact can cause moderate irritation, defatting and/or dermatitis. Skin and eyes should be flushed with water for at least 15 minutes.  
INGESTION HEALTH RISK AND SYMPTOMS OF EXPOSURE : Preexisting eye, skin, heart, central nervous system and respiratory disorders may be aggravated by exposure to this product.  
HEALTH HAZARDS (ACUTE AND CHRONIC) : Overexposure may cause anesthesia, headache, nausea or dizziness. Breathing the vapors may irritate the nose and throat. Detectable amounts of chemicals or substances known to the state of California to cause cancer, birth defects, or other reproductive harm may be found in this product. Use care when handling chemical and petroleum products even though they are water reducible.  
CARCINOGENICITY : NTP CARCINOGEN : N/A IARC MONOGRAPHS : N/A OSHA REGULATED : N/A  
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE TO THIS PRODUCT : Preexisting eye, skin, heart, central nervous system and respiratory disorders may be aggravated by exposure to this product.  
EMERGENCY AND FIRST AID PROCEDURES : Remove victim to fresh air and restore breathing if required. Call a physician if required. If breathing stops give artificial respiration. Keep person warm. Never give anything by mouth to an

unconscious person. Do not induce vomiting. If spontaneous vomiting occurs, keep head below hips to prevent aspiration of liquid into the lungs.

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### **SECTION VI- REACTIVITY DATA**

STABILITY : Stable

CONDITIONS TO AVOID : Heat and fires. Ignition sources.

INCOMPATIBILITY (MATERIALS TO AVOID) : Strong alkalis or strong oxidizers. This material may dissolve some plastics, rubber compounds or coatings. May react strong with acids while in liquid form.

HAZARDOUS DECOMPOSITION OR BYPRODUCTS: Hydrogen chloride and very small amounts of phosgene and chlorine.

HAZARDOUS POLYMERIZATION : N/A

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### **SECTION VII- SPILL OR LEAK PROCEDURES**

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED : Flush with water to a tank or to an opened well-ventilated area. Absorb or remove to container and dispose of properly in conformity with local government restrictions.

WASTE DISPOSAL METHOD : Incinerate if permitted or bury in a sanitary landfill. Consult a disposal expert. Dispose of in accordance with all local, state and federal laws. For highway or road spill, contact Chemtrec at (800)424-9300.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING : Flammable: Keep away from source of heat or flame.

Avoid eye or skin contact.

OTHER PRECAUTIONS : Avoid prolonged or repeated contact with skin. Avoid prolonged or repeated breathing of vapor. Keep containers tightly closed. Replace all bungs tightly before shipping or storing.

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### **SECTION VIII- SPECIAL PROTECTION INFORMATION**

RESPIRATORY PROTECTION : Avoid prolonged or repeated breathing of vapors. If exposure may or does exceed occupational exposure limits use a NIOSH approved respirator to prevent overexposure. In accord with 29 CFR 1910.134 use air purifying and particle collecting respirator.

VENTILATION : Use explosion proof ventilation as required to control particulate and any minor vapor concentrations. A spray booth is recommended.

PROTECTIVE GLOVES : Use rubber or neoprene gloves. Use gloves that will resist the product.

EYE PROTECTION : Goggles or face shield.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Avoid contact with eyes. Wear eye protection devices. If required wear chemical resistant gloves and other clothing.

WORK/ HYGIENIC PRACTICES : Wash hands with soap and water before eating. Dispose of contaminated clothing as soon as possible.

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### **SECTION IX- DISCLAIMER**

Above information is based on data supplied to us and is believed to be correct. Since the information contained herein may be applied under conditions beyond our control and with which we may be unfamiliar and since the data made available subsequent to the date hereof may suggest modifications of the information, we do not assume responsibility for the results of its use. This information is furnished upon the condition that the person receiving it shall make his own determination of the suitability of the material for his particular purpose. It is the user's obligation to determine the safe use of it.