

**MATERIAL SAFETY
DATA SHEET
UI-5830 PART B**

**PREFORMED LINE PRODUCTS
URETHANE DIVISION
1700 Woodhurst Lane
Albemarle, North Carolina 28001
704-983-6161**

Emergency Phone Number: Chemtrec 800-424-9300
(within the USA), 202-483-7616 (outside of the USA.)
Call only in the event of a chemical emergency
involving spill, leak, fire exposure, or accident
involving chemicals.

MSDS DATE: 12/27/04

Preformed Line Products recommends that each customer should study this Material Safety Data Sheet and become aware of the Product hazards. Further, to promote safe handling, each customer should notify its employees, agents and contractors of the information on this Material Safety Data Sheet and any Product hazards and safety information. Each customer should furnish a copy of this Material Safety Data Sheet to each of its customers for the Product and should request that such customers notify their employees and customers for the Product of the information on this Material Safety Data Sheet and any Product hazards and safety information.

I. IDENTIFICATION	
PRODUCT NAME: UI-5830 Part B	
CHEMICAL FAMILY: Polyurethane Polyol	

II. HAZARDOUS INGREDIENTS	
COMPONENTS	CURRENT LIMITS
Polyalkylene Oxide Polyol CAS 9082-00-2	NE
Butanediol CAS 110-63-4	NE
Organo Mercury Compound	<0.3% 0.1 mg/m ³ CEL

III. PHYSICAL DATA	
Appearance: White Liquid	Color: Natural (or black)
Odor: Faint sweet odor	Boiling Point: Decomposes
Vapor Pressure: NE	Vapor Density: NE
Specific Gravity: 1.0	Weight Per Gallon: 8.4 lbs.
Solubility in Water: Very Slightly	% Volatile by Volume: 0%

IV. FIRE AND EXPLOSION HAZARD DATA	
Flash Point: 360°F	Method Used: PMCC
Flammable Limits: NE	
Extinguishing Method: Foam, CO ₂ , Alcohol Foam, Dry chemical, Water Fog	
Special Fire Fighting Procedures/Fire and Explosion Hazards: Do not direct a solid stream of water or foam into hot, burning pools; this may cause a frothing and increase fire intensity. Use self-contained breathing apparatus and body covering protective clothing.	

V. REACTIVITY DATA	
STABILITY: Stable	
CONDITIONS TO AVOID: Heating in the presence of air (oxygen) to temperatures above 212° F (100° C) may result in the formation of aldehydes.	
INCOMPATIBILITY: None.	
HAZARDOUS DECOMPOSITION PRODUCTS: Burning can produce oxides of carbon and nitrogen. Acute overexposure to combustion products irritates respiratory tract.	
HAZARDOUS POLYMERIZATION: Will not occur	

VI. HEALTH HAZARD DATA	
EYE: Liquid may cause slight irritation.	
SKIN CONTACT: Mild irritation may occur on contact with skin.	
INGESTION: This product contains 1,4Butanediol which by itself is a depressant. Kidney damage has been reported following ingestion.	
INHALATION: NE	
SYSTEMIC AND OTHER EFFECTS: This product contains (<1.00% of organometallic mercury & or tin). Primary route of entry is dermal. Organic mercury compounds can give delayed second degree burns and severe eye damage. Treatment requires prompt drainage of blisters due to high concentration of mercury in them. Organometallic tin causes severe irritation to the eyes and skin, gastrointestinal, liver, and neuro-toxin effects.	
CARCINOGEN HAZARD: NTP? No IARC Monographs? No OSHA Regulated? Yes No toxicity information is available on the specific preparation; this health hazard information is based on information available on the properties of its components.	

VII. FIRST AID	
EYES: Flush eyes with water.	
SKIN: Flush skin with water. Launder contaminated clothing prior to reuse.	
INGESTION: If a large volume has been swallowed, give two glasses of water and induce vomiting. Obtain medical help.	
INHALATION: Remove to fresh air.	

VIII. HANDLING PRECAUTIONS	
EXPOSURE GUIDELINES: NE	
VENTILATION AND RESPIRATORY PROTECTION: Local Exhaust	
EYE PROTECTION: Safety glasses	
SKIN PROTECTION: PVC-coated.	
SPECIAL HANDLING PRECAUTIONS: None	
STORAGE TEMPERATURE: 70° F - 110° F	
AVERAGE STORAGE LIFE: 1 year	
SPECIAL STORAGE PRECAUTIONS: NE	

FOR INDUSTRIAL USE ONLY	
NOTE: The opinions expressed herein are those of qualified personnel within the Preformed Line Products-Urethane Division Co. The information contained is believed to be current as of the date of this Material Safety Data Sheet. Since the use of this information and opinions and conditions of the use of the product are not within the control of Preformed Line Products Co., it is the user's obligation to determine the conditions of safe use of the Product.	