



# WATERBORNE POLYURETHANE COATING SYSTEM

P-WU B

DATE & VERSION - JANUARAY 11TH 2018 VERSION 1  
SAFETY DATA SHEET (SDS)

## SECTION 1: IDENTIFICATION DATA

MANUFACTURED BY: PUREPOXY  
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PRODUCT NAME: P-WU B

PRODUCT USE: HARDENER

PREPARED BY: RESEARCH DEPARTMENT

DATE : JANUARY 2017

## SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	% BY WEIGHT	CAS NUMBER	LD 50 (ORAL-RAT) (MG/KG)
Styrene aHexane, 1,6-diiso cyanato-, homopolymer	40 - 60	28182-81-2	
Isomorphe diisocyanate homopolymer	20 - 30	53880-05-0	
Butyl acetate	10 - 15	123-86-4	
Polyoxyethylene tridecyl ether phosphate	5 - 10	9046-01-9	
Dimethylcyclohexylamine	1 - 3	98-94-2	
Hexamethylene diisocyanate	0 - 0.3	822-06-0	
Isophorone diisocyanate	0 - 0.3	4098-71-9	
3-Ethoxypropionic acid ethyl ester	10 - 15	763-69-9	

## SECTION 3: PHYSICAL PROPERTIES

VAPOR PRESSURE (MM HG) : NOT AVAILABLE

BOILING POINT (°C) : NOT AVAILABLE

SOLUBILITY IN WATER : REACTS WITH WATER

FREEZING POINT (°C) : UNDETERMINED

PH : NA

FLASH POINT (°C) : >100

SPECIFIC GRAVITY (G/ML) : 1.14

COLOR : CLEAR

APPEARANCE / ODOUR : CLEAR LIQUID / MILD ODOUR

## SECTION 4: FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (°C) :	>100	SENSITIVITY TO STATIC DISCHARGE :	NO
LEL :	N.A.	SPECIAL FIRE FIGHTING PROCEDURES :	SELF-CONTAINED BREATHING APPARATUS
UEL :	N.A.	UNUSUAL FIRE AND EXPLOSION HAZARDS :	CAN REACT VIGOROUSLY WITH OXIDIZING MATERIALS
AUTO IGNITION TEMPERATURE (°C) :	N.A.	EXTINGUISHING MEDIA:	CO <sub>2</sub> , FOAM, DRY CHEMICAL. WATER IS NOT RECOMMENDED UNLESS LARGE EXCESS.
SENSITIVITY TO MECHANICAL IMPACT :	N.A.		

## SECTION 5: HEALTH HAZARD DATA

Ingestion: Irritation of the mouth, pharynx, oesophagus, and stomach can develop.

Absorption: Unknown

Inhalation: May irritate mucous membranes, eyes, nose, and respiratory passages.

Contact: May irritate the skin.

Eye Contact: May cause irritation and eye damage

Flammability: N.A.

Overexposure symptoms: Irritation, dizziness, nausea, headache

Entry Route: Ingestion, contact, inhalation.

Chronic Effects: Dermatitis, CNS problems

Target organs: Skin, eyes, C.N.S., respiratory system

Toxic synergistic materials: None known.

### **WHMIS CLASSIFICATION:**

Class D2B: Toxic material

## SECTION 6: REACTIVITY DATA

Stability: Stable

Materials to avoid: Water, strong acids, strong bases, alcohols and amines.

Hazardous polymerization: Unknown

Hazardous decomposition products: Oxides of nitrogen, Oxides carbon.

## SECTION 7: SPILL OR LEAK PROCEDURES

### **STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**

Flush minor spill with water. Absorb large spills with wood shavings or other appropriate absorbent.

### **WASTE DISPOSAL METHOD:**

Dispose in accordance with municipal regulations for hazardous waste disposal.

## SECTION 8: SPECIAL PROTECTION INFORMATION

Respiratory Protection:	NA.	Eye protection:	Safety glasses or full face shield.
Ventilation:	Preferable	Other protection:	Safety shower, eye bath.
Protective Gloves:	Neoprene rubber, nitrile, impervious plastic.		

## SECTION 9: SPECIAL PRECAUTIONS

### **PRECAUTION FOR HANDLING AND STORING:**

Store in a cool and dry location. Keep container lid tightly closed after partial use or when storing. DO NOT ALLOW TO FREEZE. Handle in accordance with good industrial hygiene and safety practice.

## SECTION 10: FIRST AID

Ingestion:	Call physician who must decide to induce or not vomiting.
Inhalation:	Remove patient to fresh air. Give mouth to mouth if patient is not breathing. Call a physician.
Contact:	Flush with water for a minimum of 15 minutes. Call a physician.
Eye contact:	Rinse immediately with plenty of water for at least 20 minutes. Remove contact lenses.

## SECTION 11: TRANSPORTATION INFORMATION

Not regulated for transport.

## IMPORTANT NOTICE

All statements, recommendations and technical information contained in this document are accurate to the best knowledge of PUREPOXY. The data relates only to the specific material designated herein. It may not be valid if used in combination with any other materials. It is the users' responsibility to verify suitability of this information for their own particular use. PUREPOXY assumes no legal responsibility for use upon these data.