

# MATERIAL SAFETY DATA SHEET

## PREMIER INDUSTRIAL SUPPLY, INC.

**Product Name:** XTRABOND 7500 POLYURETHANE SEALANT  
**Date Issued:** March 3, 2009

### 1. Company Identification & Chemical Product

**Product Brand Name:** XtraBond 7500 Polyurethane Sealant  
**Product Use:** Sealant & Adhesive  
**Proper DOT Shipping:** Caulking & Glaziers, NOI  
**DOT Hazard Classification:** NONE

#### Company Contact Information

Premier Industrial Supply, Inc.  
1833 W. Calle De Pompas  
Phoenix, AZ 85085

#### Emergency Telephone Number

CHEMTREC: 800-424-9300 (24 hours)  
Telephone: 866-512-4583

### 2. Information on Ingredients

<u>CHEMICAL NAME</u>	<u>CAS NUMBER</u>	<u>WEIGHT %</u>
Xylene	1330-20-7	<4
Ethyl benzene	100-41-4	<1
Diphenylmethane diisocyanete (MDI)	101-68-8	<1.5

### 3. Hazards Identification

#### **Emergency Overview**

Heavy Paste with mild odor, various colors: White, Grey, Beige, Bronze, Black & Cream White.

Can Cause Skin & Eye Irritation

Symptoms of exposure may include nausea, dizziness, central nervous systems effects. In case of fire, use foam, dry chemical, CO<sub>2</sub>

#### First Aid Measures

#### **ROUTE OF ENTRY**

Inhalation (breathing); eye & skin contact

**CAUTION:** Can cause skin, eye irritation, dizziness, central nervous system effects.

## SYMPTOMS OF EXPOSURE

- Inhalation:** Breathing large amounts of vapor may be harmful. May cause nose & throat irritation. Overexposure of xylene or ethyl benzene may cause drowsiness and irritation. May cause anesthetic effects and act as a central nervous system depressant. MDI vapors or mist can cause irritation of upper respiratory tract: signs can include soreness of the nose and throat, coughing and sneezing. Persons previously sensitized to isocyanates may experience an allergic respiratory reaction: signs can include difficulty breathing, wheezing, tightness of chest and respiratory failure.
- Eye Contact:** Can cause eye irritation with direct contact. Symptoms include stinging, tearing, redness and swelling of eyes.
- Skin Contact:** A single short exposure can cause skin irritation. Symptoms may include redness, burning, drying and cracking of skin. May cause loss of natural oils, dermatitis.
- Ingestion:** There are no known symptoms of ingestion..

## MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Eye or Skin Disease

## CHRONIC EFFECTS

May be harmful kidneys, central nervous system.

## NFPA HAZARD CODES:

**2 HEALTH 2 FLAMMABILITY 0 REACTIVITY**

## 4. FIRST AID MEASURES

- Inhalation:** Remove subject to fresh air. If not breathing, clear airway and start mouth to mouth artificial respiration or use a bag mask respirator. Get Medical attention if ill effects persist
- Eye Contact:** Immediately flush eyes with copious amounts of water. Remove any contact lenses. Hold eyelids apart or ensure rinsing of the entire surface of the eyes and lids with water. Continue flushing eyes with running water for at least 15 minutes. Get Medical attention if irritation develops.
- Skin Contact:** Immediately wash affected areas with large amounts of soap & water. Continue for 15 minutes. Get Medical attention if irritation develops.
- Ingestion:** Do not induce vomiting or give anything by mouth. Get immediate medical attention.

## 5. FIRE FIGHTING MEASURES

**Flash Point & Method**.....>160 F

### **GENERAL HAZARD:**

This product and its vapors are combustible. Explosive in a contained area. Vapors are heavier than air and may travel along the ground or may be moved by ventilation.

### **EXTINGUISHING MEDIA**

On large fires use dry chemical, foam or water spray. On small fires use carbon dioxide, dry chemicals or water spray. Water can be utilized to cool containers exposed to fires.

### **SPECIAL FIREFIGHTIN INSTRUCTIONS**

Move container from area.

## 6. ACCIDENTAL RELEASE MEASURES

**Containment/Clean Up:** Observe all personal protective equipment recommendations as described in section 8. Scrape all spilled materials for disposal. This material is not classified as a hazardous waste per 40 CFR 261. State and local laws may impose regulatory restrictions.

## 7. HANDLING AND STORAGE

**Personal Pre Cautionary Measures:** Avoid Breathing vapors in top of shipping containers. Keep containers closed. Use with adequate ventilation. Avoid contact with skin and clothing. Wash thoroughly after handling. Observe all PPE Suggestions in section 8.

**Storage:** Keep container tightly closed. Store in a good ventilation area. Isolate from incompatible materials. (see section 10)

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

### **PERSONAL PROTECTIONS**

**Ventilation:** Local and General Ventilation are recommended

**Respiratory Protection:** If engineering controls do not maintain airborne concentrations of hazardous ingredients below limits in Section 2 of this MSDS, then a NIOSH/MSHA approved organic vapor respirator should be used.

**Eye Production:** Wear safety glasses with side shields as a minimum

**Skin Protection:** Impervious gloves are suggested. Wash at mealtimes and end of shift.

**Gloves:** Nitrile Gloves or gloves impervious to solvents

**Clothes:** Wear clothing that will protect the skin from exposure to this chemical.

## **ENGINEERING CONTROLS**

Use local exhaust or general dilution ventilation system.

## **9. PHYSICAL & CHEMICAL PROPERTIES**

<b>VOC Content:</b>	3.72% gm/l	<b>PH:</b>	N/A
<b>% VOC:</b>	Less than 4%	<b>Flammability limits:</b>	LEL: 1% UEL: 8%
<b>Boiling Point:</b>	Negligible	<b>Water Solubility:</b>	Slightly Soluble
<b>Vapor Density:</b>	3.66 (xylene)	<b>Freeze Point:</b>	N/A
<b>Odor:</b>	Petroleum	<b>State:</b>	Paste
<b>Color:</b>	N/A	<b>Specific Gravity:</b>	1.25
<b>Melting Point:</b>	>300	<b>Reactivity to Water:</b>	NIL
<b>Density:</b>	10.4lbs/gal	<b>Flash Point:</b>	160 F

Note: The above information is not intended for use in preparing product specs.

## **10. STABILITY AND REACTIVITY**

### **INCOMPATIBILITIES:**

Avoid contact with strong acids, caustic materials and oxidizers.

### **STABILITY:**

Stable: No Hazardous reactions when stored and handled according to prescribed instructions.

### **HAZARDOUS DECOMPOSITION PRODUCTS:**

Thermal decomposition products as described in Section 5.

### **CONDITIONS TO AVOID:**

Avoid temperatures above 160 Degrees

## **11. TOXICOLOGICAL INFORMATION**

May cause respiratory sensitization, eye and skin irritation. May cause allergic respirator and/or allergic skin reaction.

### **For Xylene:**

Inhalation LC50-5000 ppm/4hr (rat)  
Oral LD50-4300 mg/kg (rat)  
Dermal LD 50 -> 1,700 mg/kg (rabbit)

### **For Ethyl benzene:**

Oral LC50-3500 ppm/4hr (rat)  
Dermal LD50-17800 mg/kg (rat)  
Inhalation LD 50 4000 mg/kg (rabbit)

**For MDI:**

Inhalation LC50-178 ppm/4hr (rat)  
Oral LD50-2200 mg/kg (mouse)

**CHRONIC EXPOSURE:**

**SKIN:** Repeat contact with skin may cause severe irritation, sensitization, or allergic reaction. Prolonged skin contact with xylene or ethyl benzene may cause skin irritation or dermatitis.

**INHALATION:** Vapor overexposure may cause drowsiness, irritate eyes, nose, and throat, or injure blood, liver, or central nervous system. Chronic exposure to xylene may cause damage to the eyes, central nervous system, bone marrow, liver, or kidneys. Chronic inhalation of ethyl benzene may have central nervous effects. Chronic overexposure to isocyanates (found in MDI) may cause lung damage and isocyanates sensitization (chemical asthma), with may be temporary or permanent.

**ORAL:** Swallowing may have adverse effects depending on quantity ingested. Ingestion of xylene may cause central nervous system effects..

**12. ECOLOGICAL INFORMATION**

**FOR PRODUCT**

Do not allow product to enter waste water drains, waterways or soil. However, when exposed to moisture and air in the environment, the product cures to a solid state in which no leach-able materials will be release.

**13. DISPOSAL CONSIDERATIONS**

**RCRA WASTE CODE**

When a decision is made to discard this material, as received, is it classified as a hazardous waste? No Observed all applicable federal, state, and local regulations. Material is not classified as a hazardous waste per 40 CFR 261.

**14. TRANSPORT INFORMATION**

**Marine Transport**

None

**DOT (usa):**

Caulking & Glaziers, NOI

**DOT Hazard Classification:**

None

**UN/NA Number:**

Not Applicable

**Label Required:**

None

## 15. REGULATORY INFORMATION

### OSHA HAZARD COMMUNICATION STANDARD (29 CFR 1910.1200)

Contents of this MSDS comply with OSHA Hazard Communication Standard 29 CFR 1910.1200.

### **US FEDERAL REGULATIONS**

3 Hazardous                      \_\_\_ Non- Hazardous

### CERCLA/SUPERFUND (40 CFR 117, 302)

CHEMICAL NAME	RQ (lbs)/ (kg)
Xylene (133-20-7)	100 (45.4 kg)
Ethyl benzene (100-41-4)	100 (45.4 kg)
MDI (101-68-8)	5000 (2270 kg)

Based on an evaluation of the components used, this product does contain hazardous ingredients identified as per 29 CFR 1910.1200.

### SARA EXTREMELY HAZARDOUS SUBSTANCE (CFR 302)

CHEMICAL NAME	TPQ (lbs)	RQ (lbs)/ (kg)
	N/A	N/A

### SARA TOXIC CHEMICALS (40 CFR 372)

**TSCA Status:** All chemical substances found in this product comply with the Toxic Substances Control Act inventory reporting requirements.

### SARA HAZARD CATEGORIES (40 CFR 370)

\_\_\_ Acute    \_\_\_ Chronic    3 Fire    \_\_\_ Pressure    \_\_\_ Reactive

### WORK PLACE HAZARDOUS MATERIAL INFORMATION SYSTEMS (CRP Section 33)

This product has been classified according to the hazard criteria of the Controlled Products Regulation and the MSDS contains all required information.

3    Controlled Product: Classification: D2B

\_\_\_ Not Controlled Product

### Section 313

CHEMICAL NAME	CASE #	%
Xylene	1330-20-7	1-4
Ethyl benzene	100-41-4	.1-1.0
MDI	101-68-8	.5-1.5



**Note:** The recipient of this product should be aware of the possible existence of additional local regulations, which may be applicable to this product.

## 16. OTHER INFORMATION

**Disclaimer:** The opinions expressed herein are those of qualified experts within Premier Industrial Supply Inc. We believe the information contained herein is current as the date of this MSDS. Since the use of the product is not within the control of Premier Industrial Supply Inc. it is the user's obligation to determine the conditions of safe use.

**PREPARED BY:** Premier Industrial Supply Inc.  
**MSDS #:** XTRABOND7500  
**DATE PREPARED:** March 3, 2009  
**DATE ISSUED:** March, 2009