

# MATERIAL SAFETY DATA SHEET

## PREMIER INDUSTRIAL SUPPLY, INC.

**Product Name:** ONE COMPONENT POLYURETHANE FOAM SEALANT/ADHESIVE  
**Date Issued:** March 30, 2009

### 1. Company Identification & Chemical Product

**Product Brand Name:** XtraFoam MB  
**Product Use:** Polyurethane Foam  
**DOT Hazard Classification:** Consumer Commodity

#### Company Contact Information

Premier Industrial Supply, Inc.  
23040 N 11<sup>th</sup> Ave Ste 112  
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>
Polymethylenepolyphenylisocyanate	9016-87-9-	> 25
Dimethyl Ether	115-10-6 204-065-8	1-15
Propane	74-98-9-6 200-827-9	1-5
Isobutane	75-28-5 200-857-2	1-5

### 3. Hazards Identification

#### HEALTH HAZARDS:

The principle volatile component is water. Minor volatile components from the emulsion may cause headaches and nausea. Prolonged and repeated skin contact can cause irritation. Treatment of overexposure should be directed at the control of symptoms and clinical condition.

**CAUTION:** Can cause eye, skin, and respiratory system, irritation.

#### SYMPTOMS OF EXPOSURE

**Inhalation:** Trace component and residual monomer may cause headache, nausea, and irritation of the nose, throat, and lungs in poorly ventilated areas..

**Eye Contact:** Can cause eye irritation with direct contact. Symptoms include stinging, tearing, redness and swelling of eyes.

**Skin Contact:** No significant effects expected from a single short term exposure..

**Ingestion:** There are no known symptoms of ingestion..

**Symptoms of Over exposure:** No known applicable information.

The above listed potential effects are based on actual data, results of studies performed upon similar compositions, component data and/or expert review of the product. Please refer to Section 11 for detailed toxicology information.

#### 4. FIRST AID MEASURES

- Inhalation:** Remove subject to fresh air. Seek medical attention if ill effects persist.
- Eye Contact:** Immediately flush eyes with copious amounts of water and seek medical attention.
- Skin Contact:** Immediately rinse affected areas with water. Continue for 15 minutes. Get Medical attention if irritation persists.
- Ingestion:** Do not induce vomiting or give anything by mouth. Get immediate medical attention.

#### 5. FIRE FIGHTING MEASURES

**Flash Point & Method**

Contains extremely flammable components

**GENERAL HAZARD:**

Extremely Flammable

**EXTINGUISHING MEDIA**

Quantities of water, Polyvalent foam, BC Powder, Carbon Dioxide

**FLAMMABILITY: TDGR Class**

Sensitivity to impact  
Sensitivity to static discharge

**SPECIAL FIREFIGHTING INSTRUCTIONS**

Dilute toxic gases with water spray  
Take account of toxic firefighting water  
Do not move the load if exposed to heat  
Breathing apparatus required when fighting fires in enclosed area.

**SPECIAL EXPOSURE HAZARDS**

On burning: release of toxic and corrosive gases/vapours: hydrogen chloride, carbon monoxide, and carbon dioxide  
Gas/vapor spreads at floor level: ignition hazard  
Gas/vapor flammable with air within explosion limits  
Aerosol may explode under the effect of heat

## 6. ACCIDENTAL RELEASE MEASURES

**Containment/Clean Up:** Observe all personal protective equipment recommendations as described in section 8. Allow product to solidify and remove it by mechanical means. Remove uncured foam with acetone. Use appropriate containment to avoid environmental contamination.

## 7. HANDLING AND STORAGE

**Personal Pre Cautionary Measures:** Avoid inhalation. Use with adequate ventilation, keeping flames and sparks away. Avoid contact with skin and clothing. Remove contaminated clothing immediately and clean. Wash thoroughly after handling.

**Storage:** Keep out of direct sunlight and away from heat sources, ignition sources, acids, and bases. Storage temperature should be less than 50 degrees C

**Storage Life:** 365 days

**Materials for packaging:** Aerosol dispenser

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

### PERSONAL PROTECTIONS

**Ventilation:** Local and General Ventilation are required

**Respiratory Protection:** Use respiratory protection unless adequate exhaust ventilation is provided or exposure assessment demonstrates that exposures are within exposure guidelines. Industrial Hygiene Personnel can assist in judging the adequacy of existing engineering controls. Respiratory Protection with filter Type A

**Suitable Respirator:** General and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits as determined by air sampling or are unknown, appropriate respiratory protection should be worn. Follow OSHA Respirator Regulations (29 CFR 1910.134) and use NIOSH/MSHA approved respirators..

**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

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

**Note:** These precautions are for room temperature handling.

## ENGINEERING CONTROLS

Use local exhaust or general dilution ventilation system.

## 9. PHYSICAL & CHEMICAL PROPERTIES

<b>VOC Content:</b> 9%	<b>PH:</b> N.D
<b>Boiling Point:</b> -43.9 F	<b>Water Solubility:</b> Insoluble
<b>Vapor Density:</b> Air = 1 Heavier	<b>Odor:</b> Slight Odor
<b>State:</b> Aerosol at 20C	<b>Color:</b> Yellow
<b>Melting Point:</b> N.D.	<b>Reactivity to Water:</b> Incompatible

The above information is not intended for use in preparing product specifications.

## 10. STABILITY AND REACTIVITY

### INCOMPATIBILITIES:

Heat sources, ignition sources, acids, bases

### STABILITY:

Unstable on exposure to heat

### HAZARDOUS DECOMPOSITION PRODUCTS:

On Burning- release of toxic and corrosive gases/vapors: hydrogen chloride, carbon monoxide and carbon dioxide.

On heating: release of toxic/combustible gases/vapors(hydrogen cyanide)

May polymerize on exposure to temperature rise

May polymerize with a lot of compounds, o.a.: (strong) bases and amines

Reacts violently with (some) acids/bases

## 11. ECOLOGICAL INFORMATION

### FOR PRODUCT

Not Established

## 12. DISPOSAL CONSIDERATIONS

### RCRA WASTE CODE

Not regulated as a hazardous waste per 40 CFR 261. Observed all applicable federal, state, and local regulations. Material is not classified as a hazardous waste per 40 CFR 261.

### WASTE DISPOSAL METHOD

We make no guarantee or warranty of any kind that the use or disposal of this product complies with all local, state, or federal laws. It is also the obligation of each user of the product mentioned herein to determine and comply with the requirements of all applicable statutes

### 13. TRANSPORT INFORMATION

**Marine Transport**

None

**DOT (usa):**

Consumer commodity #171

**DOT Hazard Classification:**

None

**UN/NA Number:**

1950

**Label Required:**

None

### 15. REGULATORY INFORMATION

The contents of this MSDS comply with OSHA Hazard Communication Standard 29 CFR 1910.1200

**SARA (302)**

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

**SARA (304)**

CHEMICAL NAME	CASE #	%
N/A	N/A	N/A

**SARA HAZARD CATEGORIES (312)**

YES Acute NO Chronic NO Fire NO Pressure NO Reactive

**INVENTORY STATUS**

The ingredients of this chemical are listed on the US TSCA Chemical Substance Inventory Substance Inventory.

**TOXIC SUBSTANCE CONTROL ACT:**

No specific regulation apply

**STATE REGULATION**

**California Proposition 65:**

None Known

*This chemical contains the following listed by the state of California under the safe Drinking Water and Toxic Enforcement Act of 1986 as being known to cause cancer, birth defects and reproductive harm.*

**VOC CONTENT:**

Based on the current EPA definition of volatile organic compound, this product does not have any VOC content.

## 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 #:** XTRAFOAM MB  
**DATE PREPARED:** March 2009  
**DATE ISSUED:** March, 2009