

# MATERIAL SAFETY DATA SHEET

## PREMIER INDUSTRIAL SUPPLY, INC.

**Product Name:** XTRABOND 150 GENERAL PURPOSE SILICONE SEALANT  
**Date Issued:** March 3, 2009

### 1. Company Identification & Chemical Product

**Product Brand Name:** XtraBond 150 General Purpose Silicone 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>
Methyltriacetoxysilane	4253-34-3	<5%
Ethyltriacetoxysilane	17689-77-9	<5%

### 3. Hazards Identification

#### **Emergency Overview**

Heavy Paste with mild odor, various colors: Grey, Beige, Almond  
Can Cause Skin & Eye Irritation

Combustible Material. In case of fire, use foam, dry chemical, CO2

#### First Aid Measures

#### **ROUTE OF ENTRY**

Inhalation (breathing); eye & skin contact

**CAUTION:** Can cause skin & eye irritation

#### **SYMPTOMS OF EXPOSURE**

**Inhalation:** Material is not likely to present an inhalation hazard at ambient conditions. However if material is heated or high vapor/aerosol concentrations are attained, central nervous system depression may occur, which is characterized by drowsiness, dizziness, confusion or loss of coordination. Overexposure may cause drowsiness and irritation.

**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 and burning of skin

**Ingestion:** Low ingestion hazard in normal use.

**MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:**

No Known Applicable information

**CHRONIC EFFECTS**

Over exposure to a component of this material has been suggested as a cause of liver abnormalities in laboratory animals.

**CARCINOGEN:** NONE  
**TERATOGENS:** NONE  
**REPRODUCTIVE TOXINS:** NONE

**4. FIRST AID MEASURES**

**Inhalation:** Material is not likely to present an inhalation hazard at ambient conditions. If material is heated or vapor/mist/dust/fumes are generated, care should be taken to prevent inhalation. Remove subject to fresh air. Get Medical attention if ill effects persist

**Eye Contact:** Immediately flush eyes with copious amounts of water for 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.

**Comments:** Treat according to person's condition and specifics or exposure.

**5. FIRE FIGHTING MEASURES**

**Flash Point & Method**.....>212 F

**GENERAL HAZARD:**  
This product is combustible.

**AUTO-IGNITION TEMPERATURE:**  
Not Determined

**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.

**FLAMMABILITY LIMITS in AIR**

Not Determined

**SPECIAL FIREFIGHTIN INSTRUCTIONS**

Self-contained breathing apparatus and protective clothing should be worn when fighting large fires involving chemicals. Determine the need to evacuate or isolate the area according to your local emergency plan. Use water spray to keep fire exposed containers cool.

**UNUSAL FIRE or EXPLOSION HAZARDS:**

None

**HAZARDOUS DECOMPOSITION PRODUCT:**

Thermal breakdown of this product during fire or very high heat conditions may evolve the following hazardous decomposition products:

Carbon oxides and traces of incompletely burned carbon compounds  
Formaldehyde  
Silicone Dioxide

Depending on color, hazardous decomposition products may also include:

Hydrogen  
Nitrogen oxides  
Metal oxides  
Sulfur oxides

**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.

**See Section 8 for information about personal protective equipment for spills.**

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

### COMPONENT EXPOSURE LIMITS

**Component Name:** Ethyltriacetoxysilane  
**CAS Number:** 17689-77-9  
**Exposure Limits:** See acetic acid comments

**Component Name:** Methyltriacetoxysilane  
**CAS Number:** 4253-34-3  
**Exposure Limits:** See acetic acid comments

Acetic acid is formed upon contact with water or humid air. Provide adequate ventilation to controlled exposures within guideline of OSHA PEL: TWA 10 ppm and ACGIH TLV: TWA 10 ppm, STEL 15 ppm.

### COMPONENT EXPOSURE LIMITS- Almond only

**Component Name:** Dimethylsiloxane, trimethoxysilyl-terminated  
**CAS Number:** PMN871176  
**Exposure Limits:** See methyl alcohol comments

**Component Name:** Aluminum  
**CAS Number:** 7429-90-5  
**Exposure Limits:** OSHA PEL (final rule): TWA 15mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable dust ACGIH TLV: TWA 10mg/m<sup>3</sup>

Methyl alcohol forms on contact with water or humid air. Provide adequate ventilation to controlled exposures within guideline of OSHA PEL: TWA 200 ppm and ACGIH TLV-skin: TWA 200 ppm, STEL 250 ppm.

### COMPONENT EXPOSURE LIMITS- Aluminum only

**Component Name:** Aluminum  
**CAS Number:** 7429-90-5  
**Exposure Limits:** OSHA PEL (final rule): TWA 15mg/m<sup>3</sup> total dust, 5 mg/m<sup>3</sup> respirable dust ACGIH TLV: TWA 10mg/m<sup>3</sup>

#### **Engineering Controls:**

**Local Ventilation:** Recommended  
**General Ventilation:** Recommended

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

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

**Suitable Respirator** Respiratory protection is not needed under ambient conditions. If vapor/mist/dust/fumes are generated when material is heated or handled, the following is advised: general and local exhaust ventilation is recommended to maintain vapor exposures below recommended limits. Where concentrations are above recommended limits or are unknown, appropriate respiratory protection should be worn. Follow OSHA respirator regulations (29 CFR 910.134)

**Gloves:** Nitrile Gloves

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

### **ENGINEERING CONTROLS**

Use local exhaust or general dilution ventilation system.

### **PERSONAL PROTECTIVE EQUIPMENT FOR SPILLS:**

**Eyes:** Use full face respirator

**Skin:** Wash at mealtime and end of shift. Contaminated clothing and shoes should be removed as soon as practical and thoroughly cleaned before reuse. Chemical protective gloves are recommended.

**Inhalation/Suitable Respirator:** Respiratory protection recommended. Follow OSHA Respirator Regulations (29 CFR 910.134) and use NIOSH/MSHA approved respirators. Protection provided by air purifying respirators against exposure to any hazardous chemical is limited. Use a positive pressure air supplied respirator if there is any potential for uncontrolled release, exposure levels are unknown, or any other circumstance where air purifying respirators may not provide adequate protection.

### **PRECAUTIONARY MEASURES:**

Avoid eye contact. Avoid skin contact. Avoid breathing vapor. Keep container closed. Do not take internally. Use reasonable care.

### **COMMENTS:**

Product evolves acetic acid when exposed to water or humid air. Provide ventilation during use to control acetic acid within exposure guidelines or use respiratory protection. When heated to temperatures above 150c in the presence of air, product can form formaldehyde vapors. Formaldehyde is a potential cancer hazard, a known skin and respiratory sensitizer, and an irritant to the eyes, nose throat, skin and digestive system. Safe handling conditions may be maintained by keeping vapor concentrations within the OSHA Permissible Exposure Limit for formaldehyde.

**NOTE:**

These precautions are for room temperature handling. Use at elevated temperatures or aerosol/spray applications may require added precautions.

**9. PHYSICAL & CHEMICAL PROPERTIES**

<b>VOC Content:</b>	36 grams/liter	<b>PH:</b>	N/A
<b>Boiling Point:</b>	N/A	<b>Water Solubility:</b>	N/A
<b>Vapor Density:</b>	N/A	<b>Freeze Point:</b>	N/A
<b>Odor:</b>	Acetic Acid Odor	<b>State:</b>	Paste
<b>Color:</b>	Various	<b>Specific Gravity:</b>	1.032
<b>Melting Point:</b>	N/A	<b>Reactivity to Water:</b>	N/A

**10. STABILITY AND REACTIVITY**

**INCOMPATIBILITIES:**

Oxidizing & Acid can cause a reaction. Water, moisture or humid air can cause hazardous vapors to form.

**CHEMICAL STABILITY:**

Stable

**HAZARDOUS DECOMPOSITION PRODUCTS:**

Will not occur

**CONDITIONS TO AVOID:**

None

**11. TOXICOLOGICAL INFORMATION**

**SPECIAL HAZARD INFORMATION ON PRODUCT:**

No Known applicable information

**12. ECOLOGICAL INFORMATION**

**ENVIRONMENTAL FATE & DISTRIBUTION**

Complete information is not yet available

**ENVIRONMENTAL EFFECTS**

Complete information is not yet available

**FATE & EFFECTS in WASTE WATER TREATMENT PLANTS**

Complete information is not yet available

**13. DISPOSAL CONSIDERATIONS**

**RCRA WASTE CODE**

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

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.

**14. TRANSPORT INFORMATION**

**Marine Transport**

None

**DOT (usa):**

Not subject to DOT

**DOT Hazard Classification:**

None

**UN/NA Number:**

Not Applicable

**Label Required:**

None

**15. REGULATORY INFORMATION**

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

Comply

**TSCA STATUS**

All Chemical substance in this material are included on or exempted from listing on the TSCA Inventory of Chemical Substance

**SARA TITLE III EXTREMELY HAZARDOUS SUBSTANCE (302)**

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

**SARA TITLE III CERCLA HAZARDOUS SUBSTANCE (304)**

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

**SARA TITLE III SECTION 312 HAZARD CLASS**

YES Acute    YES Chronic    NO Fire    NO Pressure    NO Reactive

**SARA TITLE III TOXIC CHEMICALS (313) DEPENDING UPON COLOR**

CHEMICAL NAME	CASE #	%
Alumina hydrate	21645-51-2	N/A
Aluminum	7429-90-5	
Antimony chromium manganese titanium brown rutile	6991-68-0	

**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.

**STATE REGULATION**

**California Proposition 65**

None Known

*This product contains the following chemicals known to the State of California, under the Safe Drinking and Toxic Enforcement Act of 1986 as being known to cause cancer, birth defects and reproductive harm.*

**Massachusetts Right to Know List:**

Silica, amorphous, alumina hydrate, aluminum, barium sulfate, carbon black, iron oxide, Titanium Dioxide

**Pennsylvania Right to Know List:**

Dimethyl siloxane, hydroxyl-terminated, Hydrotreated middle petroleum distillates, silica, amorphous. Depending upon color, may also contain, Alumina hydrate, aluminum, antimony chromium manganese titanium brown rutile, barium sulfate, black iron oxide, carbon black, CI Pigment Blue 29, Dimethyl siloxane, trimethylsilyl-terminated, iron hydroxide oxide, iron oxide, magnesium ferrite, mineral oil, polydimethylsiloxane, tetrabenzotetra-5-10-20-diazaphorphyrinephthalocyanine, titanium dioxide, yellow iron oxide.

**New Jersey Right to Know List:**

Dimethyl siloxane, hydroxyl-terminated, Ethyltriacetoxysilane, Hydrotreated middle petroleum distillates, silica, amorphous. Depending upon color, may also contain, Alumina hydrate, aluminum, antimony chromium manganese titanium brown rutile, barium sulfate, black iron oxide, carbon black, CI Pigment Blue 29, Dimethyl siloxane, trimethylsilyl-terminated, iron hydroxide oxide, iron oxide, magnesium ferrite, mineral oil, polydimethylsiloxane, tetrabenzotetra-5-10-20-diazaporphyrinephthalocyanine, titanium dioxide, yellow iron oxide.

**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 #:** XTRABOND150  
**DATE PREPARED:** March 3, 2009  
**DATE ISSUED:** March, 2009