

MATERIAL SAFETY DATA SHEET

PREMIER INDUSTRIAL SUPPLY, INC.

Product Name: XTRABOND 450 NEUTRAL CURE SILICONE SEALANT
Date Issued: March 3, 2009

1. Company Identification & Chemical Product

Product Brand Name: XtraBond 450 Neutral Cure Silicone Sealant
Product Use: Sealant & Adhesive
Proper DOT Shipping: Caulking & Glaziers, NOI
DOT Hazard Classification: NONE
Molecular Formula: Mixture

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> |
|---|-------------------|-----------------|
| Silica, Amorphous | 112945-5 | <10 |
| Methyl Oximino Silane* | 22984-54-9 | <7 |
| Vinyl Oximino Silane | 2224-33-1 | <3 |
| N-beta-(aminoethyl)-gamma-aminopropyltrimethoxysilane | 1760-24-3 | <2 |

Other Limits:

*Methyl Ethyl Ketoxime is formed upon contact with water of moisture in the air. Provide adequate ventilation to control exposures within the exposure guideline of AIHA 10 ppm (STEL) and ACGIH 10 ppm (TWA). It is recommended that concentrations of MEKO be kept below 3ppm (TWA). Average exposures to MEKO have been measured at 3ppm or less for typical applications.

** Methanol may be formed by reaction with moisture in the air. Provide adequate ventilation to control exposure within the guidelines of OSHA TWA 200 ppm.

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

HMIS HAZARD RATING:

Health 1 Flammability 1 Reactivity 0

NOTE:

This HMIS Rating involves data interpretation that varies from company to company. This information is intended for general identification to specific hazards. To safely handle this material, all of the information in this MSDS should be considered.

First Aid Measures

ROUTE OF ENTRY

Inhalation (breathing); eye & skin contact

CAUTION: Can cause skin & eye irritation

SYMPTOMS OF EXPOSURE

Inhalation: Breathing large amounts of vapor may be harmful. 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. Product releases MEKO, which is a possible skin sensitizer.

Ingestion: There are no known symptoms of ingestion..

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Eye or Skin Disease

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

SENSITIZER: Product releases MEKO, which is a potential skin sensitizer.

4. FIRST AID MEASURES

Inhalation: Remove subject to fresh air. Get Medical attention if ill effects persist

Eye Contact: Immediately flush eyes with copious amounts of water

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.....>200 F

GENERAL HAZARD:

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.

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.

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/HSHA 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

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

| | | | |
|-----------------------|----------------|-----------------------------|------------------|
| VOC Content: | 36 grams/liter | PH: | N/A |
| Boiling Point: | N/E | Water Solubility: | Slightly Soluble |
| Vapor Density: | N/E | Freeze Point: | N/A |
| Odor: | Slight Odor | State: | Clear Paste |
| Color: | N/A | Specific Gravity: | 1.0 |
| Melting Point: | N/E | Reactivity to Water: | Incompatible |

10. STABILITY AND REACTIVITY

INCOMPATIBILITIES:

Oxidizing can cause a reaction

STABILITY:

Stable

HAZARDOUS DECOMPOSITION PRODUCTS:

Will not occur

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.

13. TRANSPORT INFORMATION

Marine Transport

None

DOT (usa):

Caulking & Glaziers, NOI

DOT Hazard Classification:

None

UN/NA Number:

Not Applicable

Label Required:

None

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.
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DATE PREPARED: March 3, 2009
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