

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 1 of 13  
Version: 1.1  
Revision Date: 3/9/2015

## XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Product Brand Name:** XB 450  
**Other Names/Synonyms:** None  
**Recommended Use:** Sealant - Other  
**Uses advised against:** No information available

**Company Contact Information**

Premier Building Solutions, Inc.  
480 Nova Drive  
Massillon, OH. 44646  
Telephone: 330-244-2907

**Emergency Telephone Number**

CHEMTREC: 1-800-424-9300 (24 hours) or 1-703-527-3887

### 2. HAZARDS IDENTIFICATION

GHS Classification



**Classification:** This chemical is considered hazardous by the 2012 OSHA Hazard Communication Standard (29 CFR 1910.1200)

**Skin sensitization:** Category 1

**Emergency Overview:** Signal word - Warning

**Hazard Statements:** May cause an allergic skin reaction

**Appearance:** Varies

**Physical State:** Paste Liquid

**Odor:** Mild

**Precautionary Statements - Prevention**

Avoid breathing dust/fume/gas/mist/vapors/spray  
Contaminated work clothing should not be allowed out of the workplace  
Wear protective gloves

**Precautionary Statements - Response**

Specific treatment (see supplemental first aid instructions on this label)

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 2 of 13  
Version: 1.1  
Revision Date: 3/9/2015

### XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

#### Skin

IF ON SKIN: Wash with plenty of soap and water  
If skin irritation or rash occurs: Get medical advice/attention  
Wash contaminated clothing before reuse

#### Precautionary Statements - Storage

None

#### Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

#### Hazards not otherwise classified (HNOC)

Not applicable

#### Unknown Toxicity

69.21% of the mixture consists of ingredient(s) of unknown toxicity

#### Other information

Causes mild skin irritation  
Repeated or prolonged skin contact may cause allergic reactions with susceptible persons

#### Interactions with Other Chemicals

No information available.

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance:** Mixture

**Chemical Nature:** Silicone

<u>CAS Number</u>	<u>*Wt %</u>	<u>Component Name</u>
70131-67-8	45 - 55	Hydroxy functional polydimethyl siloxane polymer
112945-52-5	1 - 15	Silicone Dioxide
22984-54-9	1 - 15	Methyl-O,O',O''-butan-2-on-trioximo-silane
63148-62-9	25 - 30	Polydimethyl Siloxane
1317-65-3	5 - 20	Calcium Carbonate (Limestone)
1333-86-4	0 - 1	Carbon Black (if needed)

\*The exact percentage (concentration) of composition has been withheld as a trade secret.

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 3 of 13  
Version: 1.1  
Revision Date: 3/9/2015

## XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

### 4. FIRST AID MEASURES

**General Advice:** Show this safety data sheet to the doctor in attendance.

**Eye Contact**

Rinse thoroughly with plenty of water, also under the eyelids. If symptoms persist, call a physician.

**Skin Contact**

Wash with soap and water. May cause an allergic skin reaction. In the case of skin irritation or allergic reactions see a physician.

**Inhalation**

Remove to fresh air.

**Ingestion**

Rinse mouth immediately and drink plenty of water. Never give anything by mouth to an unconscious person.

**Most Important Symptoms and Effects**

Itching. Rashes. Hives.

Indication of any immediate medical attention and special treatment needed

**Notes to Physician**

May cause sensitization of susceptible persons; treat symptomatically. Treat according to person's condition and specifics of exposure.

### 5. FIRE FIGHTING MEASURES

**Suitable Extinguishing Media**

Use extinguishing measures that are appropriate to local circumstances and the surrounding environment.

**Unsuitable extinguishing media**

CAUTION: Use of water spray when fighting fire may be inefficient.

**Specific Hazards Arising from the Chemical**

Product is or contains a sensitizer. May cause sensitization by skin contact.

Uniform Fire Code

Sensitizer: Liquid

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 4 of 13  
Version: 1.1  
Revision Date: 3/9/2015

## XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

### Hazardous Combustion Products

Carbon oxides

### Explosion Data

Sensitivity to Mechanical Impact: No

Sensitivity to Static Discharge: No

### Protective equipment and precautions for firefighters

As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent) and full protective gear.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### Personal Precautions

Avoid contact with eyes.

#### Other Information

Refer to protective measures listed in Sections 7 and 8.

### Environmental Precautions

#### Environmental Precautions

Refer to protective measures listed in Sections 7 and 8.

### Methods and material for containment and cleaning up

#### Methods for Containment

Prevent further leakage or spillage if safe to do so.

#### Methods for cleaning up

Soak up with inert absorbent material. Pick up and transfer to properly labeled containers.

## 7. HANDLING AND STORAGE

### Precautions for safe handling

#### Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with eyes.

### Conditions for safe storage, including any incompatibilities

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 5 of 13  
Version: 1.1  
Revision Date: 3/9/2015

### XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

#### Storage

Keep container tightly closed.

#### Incompatible Products

None known based on information supplied.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Supplier Trade Secret	10 mg/m <sup>3</sup>	TWA: 20 mppcf; ((80)/(% SiO <sub>2</sub> )) mg/m <sup>3</sup> )	IDLH: 3000 mg/m <sup>3</sup> TWA: 6 mg/m <sup>3</sup>
Supplier Trade Secret	-	TWA: 15 mg/m <sup>3</sup> TWA: 5 mg/m <sup>3</sup> (vacated) TWA: 15 mg/m <sup>3</sup> (vacated) TWA: 5 mg/m <sup>3</sup>	TWA: 5 mg/m <sup>3</sup> respirable dust TWA: 10 mg/m <sup>3</sup> total dust
Supplier Trade Secret	TWA: 10 mg/m <sup>3</sup>	TWA: 15 mg/m <sup>3</sup> total dust (vacated) TWA: 10 mg/m <sup>3</sup> total dust	IDLH: 5000 mg/m <sup>3</sup>
Supplier Trade Secret	TWA: 3 mg/m <sup>3</sup> inhalable fraction	TWA: 3.5 mg/m <sup>3</sup> (vacated) TWA: 3.5 mg/m <sup>3</sup>	IDLH: 1750 mg/m <sup>3</sup> TWA: 3.5 mg/m <sup>3</sup> TWA: 0.1 mg/m <sup>3</sup> Carbon black in presence of Polycyclic aromatic hydrocarbons PAH

ACGIH TLV: American Conference of Governmental Industrial Hygienists - Threshold Limit Value OSHA PEL: Occupational Safety and Health Administration - Permissible Exposure Limits Immediately Dangerous to Life or Health

#### Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (11th Cir., 1992) See section 15 for national exposure control parameters

#### Appropriate engineering controls

Showers  
Eyewash stations  
Ventilation systems

Individual protection measures, such as personal protective equipment

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 6 of 13  
Version: 1.1  
Revision Date: 3/9/2015

### XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

#### Eye/Face Protection

Wear safety glasses with side shields (or goggles).

#### Skin and Body Protection

Wear protective gloves and protective clothing.

#### Respiratory Protection

No protective equipment is needed under normal use conditions. If exposure limits are exceeded or irritation is experienced, ventilation and evacuation may be required.

#### Hygiene Measures

Handle in accordance with good industrial hygiene and safety practice. Take off contaminated clothing and wash before reuse. Do not eat, drink or smoke when using this product. Wash hands before breaks and immediately after handling the product.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Physical Form: Paste, Liquid  
Color: Varies  
Odor: Mild  
Odor Threshold: No information available  
Appearance: Varies

<u>Property</u>	<u>Values</u>	<u>Remarks Method</u>
pH	UNKNOWN	None known
Melting / freezing point	No data available	None known
Boiling point / boiling range	No data available	None known
Flash Point	No data available	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		
Upper flammability limit	No data available	
Lower flammability limit	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	No data available	None known
Water Solubility	No data available	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	No data available	None known
Decomposition temperature	No data available	None known
Kinematic viscosity	No data available	None known
Dynamic viscosity	No data available	None known
Explosive properties	No data available	
Oxidizing Properties	No data available	

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 7 of 13  
Version: 1.1  
Revision Date: 3/9/2015

### XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

#### Other Information

Softening Point	No data available
VOC Content (g/L)	VOC Compliant less water and less than 29 g/L
Particle Size	No data available
Particle Size Distribution	No data available

## 10. STABILITY AND REACTIVITY

#### Reactivity

No data available.

#### Chemical stability

Stable under recommended storage conditions.

#### Possibility of Hazardous Reactions

None under normal processing.

#### Hazardous Polymerization

Hazardous polymerization does not occur.

#### Conditions to avoid

None known based on information supplied.

#### Incompatible materials

None known based on information supplied.

#### Hazardous Decomposition Products

Carbon oxides.

## 11. TOXICOLOGICAL INFORMATION

### Information on likely routes of exposure

#### Product Information

##### **Inhalation:**

Specific test data for the substance or mixture is not available.

##### **Eye Contact:**

Specific test data for the substance or mixture is not available.

##### **Skin Contact:**

Specific test data for the substance or mixture is not available.

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 8 of 13  
Version: 1.1  
Revision Date: 3/9/2015

### XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

#### Ingestion:

Specific test data for the substance or mixture is not available.

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Supplier Trade Secret	> 10000 mg/kg (rat)	-	-
Supplier Trade Secret	> 15400 mg/kg (rat)	> 3 g/kg (rabbit)	-

#### Information on toxicological effects

##### Symptoms:

Itching. Rashes. Hives.

#### Delayed and immediate effects as well as chronic effects from short and long-term exposure

##### Sensitization:

May cause sensitization of susceptible persons. May cause sensitization by skin contact.

##### Mutagenic Effects:

No information available.

##### Carcinogenicity:

The table below indicates whether each agency has listed any ingredient as a carcinogen.

Chemical Name	ACGIH	IARC	NTP	OSHA
Supplier Trade Secret	-	Group 3	-	-
Supplier Trade Secret	-	Group 2B	-	X
Supplier Trade Secret	A3	Group 2B	-	X

ACGIH (American Conference of Governmental Industrial Hygienists)

A3 - Animal Carcinogen

IARC (International Agency for Research on Cancer)

Group 2B - Possibly Carcinogenic to Humans

Group 3 - Not Classifiable as to Carcinogenicity in Humans

OSHA (Occupational Safety and Health Administration of the US Department of Labor)

X - Present



# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 9 of 13  
Version: 1.1  
Revision Date: 3/9/2015

### XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

#### Reproductive Toxicity

No information available.

#### STOT - single exposure

No information available.

#### STOT - repeated exposure

No information available.

#### Chronic Toxicity

No known effect based on information supplied. Carbon black has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. This product contains carbon black in a non-respirable form. Inhalation of carbon black is unlikely to occur from exposure to this product. Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product.

#### Target Organ Effects

Skin. Respiratory system. Eyes. Gastrointestinal tract (GI). Lungs. Lymphatic System.

#### Aspiration Hazard

No information available.

#### Numerical measures of toxicity

The following values are calculated based on chapter 3.1 of the GHS document

Not applicable

## 12. ECOLOGICAL CONSIDERATIONS

#### Ecotoxicity

The environmental impact of this product has not been fully investigated.

Chemical Name	Toxicity to Algae	Toxicity to Fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Supplier Trade Secret	-	-	-	24h EC50: >5600mg/L

#### Persistence and Degradability

No information available.

#### Bioaccumulation

No information available

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 10 of 13

Version: 1.1

Revision Date: 3/9/2015

## XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

### Other adverse effects

No information available.

## 13. DISPOSAL CONSIDERATIONS

### Waste treatment methods

#### Disposal methods

This material, as supplied, is not a hazardous waste according to Federal regulations (40 CFR 261). This material could become a hazardous waste if it is mixed with or otherwise comes in contact with a hazardous waste, if chemical additions are made to this material, or if the material is processed or otherwise altered. Consult 40 CFR 261 to determine whether the altered material is a hazardous waste. Consult the appropriate state, regional, or local regulations for additional requirements.

#### Contaminated Packaging

Dispose of contents/containers in accordance with local regulations.

## 14. TRANSPORT INFORMATION

DOT NOT REGULATED

TDG Not regulated

MEX Not regulated

ICAO Not regulated

IATA Not regulated

IMDG/IMO Not regulated

RID Not regulated

ADR Not regulated

ADN Not regulated

## 15. REGULATORY INFORMATION

### International Inventories

TSCA Complies

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 11 of 13

Version: 1.1

Revision Date: 3/9/2015

## XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

**DSL** All components are listed either on the DSL or NDSL.

**TSCA** - United States Toxic Substances Control Act Section 8(b) Inventory

**DSL/NDSL** - Canadian Domestic Substances List/Non-Domestic Substances List

### US Federal Regulations

#### **SARA 313**

Section 313 of Title III of the Superfund Amendments and Reauthorization Act of 1986 (SARA). This product does not contain any chemicals which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

#### **SARA 311/312 Hazard Categories**

Acute Health Hazard: Yes  
Chronic Health Hazard: No  
Fire Hazard: No  
Sudden release of pressure hazard: No  
Reactive Hazard: No

#### **CWA (Clean Water Act)**

This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

#### **CERCLA**

This material, as supplied, does not contain any substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and Reauthorization Act (SARA) (40 CFR 355). There may be specific reporting requirements at the local, regional, or state level pertaining to releases of this material

### US State Regulations

#### **California Proposition 65**

None reportable.

### U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Supplier Trade Secret	X	X	X		
Supplier Trade Secret	X	X	X		X
Supplier Trade Secret		X			

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

Page 12 of 13

Version: 1.1

Revision Date: 3/9/2015

## XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

### International Regulations

#### Mexico

Component	Carcinogen Status	Exposure Limits
Supplier Trade Secret (1-5)		TWA= 10 mg/m3 STEL= 20 mg/m3
Supplier Trade Secret (1-5)		TWA= 10 mg/m3 STEL= 20 mg/m3
Supplier Trade Secret (1-5)		TWA= 3.5 mg/m3 STEL= 7 mg/m3

#### Canada

WHMIS Hazard Class

D2B - Toxic materials



## 16. OTHER INFORMATION

#### NFPA

Health Hazards: 2  
Flammability: 0  
Instability: 0  
Physical/Chemical Haz. -

#### HMIS

Health Hazards: 2  
Flammability: 0  
Physical Hazard: 0  
Personal Protection: X

## **SAFETY DATA SHEET**



### **PREMIER BUILDING SOLUTIONS, INC.**

Page 13 of 13

Version: 1.1

Revision Date: 3/9/2015

### **XTRABOND 450 NEUTRAL CURE SILICONE SEALANT**

**Note: The responsibility to provide a safe workplace remains with the user. The user should consider the health hazards and safety information contained herein as a guide and should take those precautions required in an individual operation to instruct employees and develop work practice procedures for a safe work environment. The information contained herein is, to the best of our knowledge and belief, accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by the use of this material. It is the responsibility of the user to comply with all applicable laws and regulations. The information provided in this Safety Data Sheet is correct to the best of our knowledge, information and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process, unless specified in the text**

<http://www.xtrabond.com>