

# SAFETY DATA SHEET



## PREMIER BUILDING SOLUTIONS, INC.

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Version: 1.3.1  
Revision Date: 3/23/2017

## XTRABOND 450 NEUTRAL CURE SILICONE SEALANT

### 1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

**Product Brand Name:** XB 450 Neutral Cure Silicone Sealant (Clear)

**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



**Skin sensitization:** Category 1

**Emergency Overview:** Signal word - Warning

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

**Appearance:** Clear to translucent

**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)

**Skin**

IF ON SKIN: Wash with plenty of soap and water

If skin irritation or rash occurs: Get medical advice/attention

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Wash contaminated clothing before reuse

#### **Precautionary Statements - Disposal**

Dispose of contents/container to an approved waste disposal plant

#### **Unknown Acute Toxicity**

98.58% of the mixture consists of ingredient(s) of unknown toxicity

#### **Other information**

Causes mild skin irritation

May be harmful if swallowed

### 3. COMPOSITION/INFORMATION ON INGREDIENTS

**Substance:** Mixture

**Chemical Nature:** Silicone

Chemical name	CAS-No	Percent	Hazardous Material Information Review Act registry number (HMIRA registry #)	Date HMIRA filed and date exemption granted (if applicable)
Silica, amorphous, fumed, crystal-free	112945-52-5	5 - 10	-	-
2-Butanone, O,O',O''-(methylsilylydyne)trioxi me	22984-54-9	5 - 10	-	-

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

### 4. FIRST AID MEASURES

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

#### **Eye Contact**

Rinse thoroughly with plenty of water for at least 15 minutes, lifting lower and upper eyelids. Consult 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.

#### **Ingestion**

Clean mouth with water and drink afterwards plenty of water.

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#### Most Important Symptoms and Effects, both Acute and Delayed

Itching. Rashes. Hives.

#### Indication of any Immediate medical attention and special treatment needed

Notes to Physician: May cause sensitization of susceptible persons; treat symptomatically.

## 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.

#### Hazardous Combustion Products

Carbon oxides

#### Explosion Data

Sensitivity to Mechanical Impact: None

Sensitivity to Static Discharge: None

#### Protective equipment and precautions for firefighters

Firefighters should wear self-contained breathing apparatus and full firefighting turnout gear. Use personal protection equipment.

## 6. ACCIDENTAL RELEASE MEASURES

### Personal precautions, protective equipment and emergency procedures

#### Personal Precautions

Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. Use personal protective equipment as required. Evacuate personnel to safe areas. Keep people away from and upwind of spill/leak.

### Environmental Precautions

#### Environmental Precautions

Refer to Section 12 for additional Ecological Information.

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#### 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

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

##### Prevention of secondary hazards

Clean contaminated objects and areas thoroughly observing environmental regulations.

## 7. HANDLING AND STORAGE

#### Precautions for safe handling

##### Handling

Handle in accordance with good industrial hygiene and safety practice. Avoid contact with skin, eyes or clothing. Ensure adequate ventilation. In case of insufficient ventilation, wear suitable respiratory equipment. Do not eat, drink or smoke when using this product. Take off contaminated clothing and wash before reuse.

#### Conditions for safe storage, including any incompatibilities

##### Storage

Keep containers tightly closed in a dry, cool and well-ventilated place. Store locked up. Keep out of the reach of children.

## 8. EXPOSURE CONTROLS & PERSONAL PROTECTION

#### Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Silica, amorphous, fumed, crystal-free 112945-52-5	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>

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

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(11th Cir., 1992)

#### Appropriate engineering controls

Showers  
Eyewash stations  
Ventilation systems

#### Individual protection measures, such as personal protective equipment

##### Eye/Face Protection

Wear safety glasses with side shields (or goggles).

##### Skin and Body Protection

Wear suitable protective clothing.

##### Hand protection

Wear suitable gloves.

##### 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.

##### General hygiene considerations

Handle in accordance with good industrial hygiene and safety practice.

## 9. PHYSICAL & CHEMICAL PROPERTIES

Physical Form: Paste, Liquid  
Color: No information available  
Odor: Mild  
Odor Threshold: No information available  
Appearance: Clear to hazy, colorless

<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

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Specific Gravity	0.96	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	

#### 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

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#### 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:**

May cause sensitization by skin contact. Specific test data for the substance or mixture is not available. Repeated or prolonged skin contact may cause allergic reactions with susceptible persons. (based on components).

**Ingestion:**

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

#### Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Silica, amorphous, fumed, crystal-free 112945-52-5	= 3160 mg/kg (rat)	-	-

#### Information on toxicological effects

**Symptoms:**

Itching. Rashes. Hives.

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

**Skin corrosion/irritation:**

No information available

**Serious eye damage/eye irritation:**

No information available

**Respiratory or skin sensitization:**

May cause sensitization by skin contact.

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

Chemical Name	ACGIH	IARC	NTP	OSHA
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Silica, amorphous, fumed, crystal-free 112945-52-5	-	Group 3	-	-
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ACGIH (American Conference of Governmental Industrial Hygienists)  
IARC (International Agency for Research on Cancer)  
Group 3 - Not Classifiable as to Carcinogenicity in Humans  
OSHA (Occupational Safety and Health Administration of the US Department of Labor)

#### Reproductive Toxicity

No information available.

#### STOT - single exposure

No information available.

#### STOT - repeated exposure

No information available.

#### Germ cell mutagenicity

No information available.

#### Carcinogenicity

No information available.

#### Aspiration Hazard

No information available.

#### Numerical measures of toxicity

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

ATEmix (oral) 3,887.00 mg/kg

## 12. ECOLOGICAL CONSIDERATIONS

#### Ecotoxicity

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

#### Persistence and Degradability

No information available.

#### Bioaccumulation

No information available

#### Mobility

No information available



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#### Other adverse effects

No information available.

### 13. DISPOSAL CONSIDERATIONS

#### Waste treatment methods

#### Disposal methods

Dispose of in accordance with local regulations. Dispose of waste in accordance with environmental legislations.

#### Contaminated Packaging

Do not reuse empty containers

\*This product contains one or more substances that are listed with the State of California as a hazardous waste

### 14. TRANSPORT INFORMATION

**DOT** NOT REGULATED  
**Proper Shipping Name:** Non regulated  
**Hazard Class:** N/A

**TDG** Not regulated

**MEX** Not regulated

**ICAO** Not regulated

**IATA** Not regulated  
**Proper Shipping Name:** Non regulated  
**Hazard Class:** N/A

**IMDG/IMO** Not regulated  
**Hazard Class:** N/A

**RID** Not regulated

**ADR** Not regulated

**ADN** Not regulated

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#### 15. REGULATORY INFORMATION

##### International Inventories

**Ozone-depleting substances (ODS)**

Not applicable

**Persistent Organic Pollutants**

Not applicable

**Export Notification requirements**

Not applicable

<b><u>TSCA</u></b>	Contact supplier for inventory compliance status
<b><u>DSL/NDSL</u></b>	Contact supplier for inventory compliance status
<b><u>EINECS/ELINCS</u></b>	Contact supplier for inventory compliance status
<b><u>ENCS</u></b>	Contact supplier for inventory compliance status
<b><u>KECL</u></b>	Contact supplier for inventory compliance status
<b><u>PICCS</u></b>	Contact supplier for inventory compliance status
<b><u>AICS</u></b>	Contact supplier for inventory compliance status

##### 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

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#### US State Regulations

##### California Proposition 65

This product does not contain any Proposition 65 chemicals

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

This product does not contain any substances above threshold limits that are regulated by state right-to-know

## 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

**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**

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<http://www.xtrabond.com>