

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 1 of 13
Version: 1.1
Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Brand Name: XB 450 Self Leveling Neutral Cure Silicone Sealant

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

Acute Toxicity-Oral: Category 4

Germ Cell Mutagenicity: Category 2

Reproductive Toxicity: Category 1A

Emergency Overview: Signal word - Danger

Hazard Statements: May cause an allergic skin reaction; harmful if swallowed; suspected of causing genetic defects; may damage fertility or the unborn child

Appearance: Varies

Physical State: Paste Liquid

Odor: Mild

Precautionary Statements - Prevention

Obtain special instructions before use

Do not handle until all safety precautions have been read and understood

Avoid breathing dust/fume/gas/mist/vapors/spray

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 2 of 13
Version: 1.1
Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

Contaminated work clothing should not be allowed out of the workplace
Wear protective gloves/protective clothing/ eye protection/ face protection
Wash face, hands and any exposed skin thoroughly after handling
Do not eat, drink, or smoke when using this product

Precautionary Statements - Response

Specific treatment (see supplemental first aid instructions on this label)
If exposed or concerned: Get medical advice/attention

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

Ingestion

IF SWALLOWED: Call a POISON CENTER or doctor if you feel unwell. Rinse mouth.

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Precautionary Statements - Storage

Store locked up

Unknown Acute Toxicity

98.4% of the mixture consists of ingredient(s) of unknown toxicity

Other information

Causes mild skin irritation
Harmful to aquatic life with long lasting effects

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	1 – 10	-	-
2-Butanone, O,O',O''-(methylsilylidyne)trioxime	22984-54-9	5 – 10	-	-
Calcium Carbonate	471-34-1	1 – 10	-	-
Dibutyltin dilaurate	77-58-7	< 1	-	-

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 3 of 13
Version: 1.1
Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

*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

Do NOT induce vomiting. Clean mouth with water and drink afterwards plenty of water. Never give anything by mouth to an unconscious person. Call a physician.

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

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 4 of 13

Version: 1.1

Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

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. Keep people away from and upwind of spill/leak.

Environmental Precautions

Environmental Precautions

Refer to Section 12 for additional Ecological Information.

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. 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

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 5 of 13
Version: 1.1
Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

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

The following ingredients are the only ingredients of the product above the cut-off level (or level that contributes to the hazard classification of the mixture) which have an exposure limit applicable in the region for which this safety data sheet is intended or other recommended limit. At this time, the other relevant constituents have no known exposure limits from the sources listed here.

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH	
Silica, amorphous, fumed, crystal-free 112945-52-5	10 mg/m ³	TWA: 20 mppcf; ((80)/(% SiO ₂) mg/m ³)	IDLH: 3000 mg/m ³ TWA: 6 mg/m ³	
Calcium Carbonate 471-34-1	-	TWA: 15 mg/m ³ TWA: 5 mg/m ³ (vacated) TWA: 15 mg/m ³ (vacated) TWA: 5 mg/m ³	TWA: 5 mg/m ³ respirable dust TWA: 10 mg/m ³ total dust	
Dibutyltin dilaurate 77-58-7	STEL: 0.2 mg/m ³ Sn TWA: 0.1 mg/m ³ SN S*	TWA: 0.1 mg/m ³ Sn (vacated) TWA: 0.1 mg/m ³ Sn (vacated) S*	IDLH: 25 mg/m ³ Sn TWA: 0.1 mg/m ³ except Cyhexatin Sn	
Chemical Name	Alberta	British Columbia	Ontario TWAEV	Quebec
Calcium Carbonate 471-34-1	TWA: 10 mg/m ³	-	-	TWA: 10 mg/m ³
Dibutyltin dilaurate 77-58-7	TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ Skin	TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ Skin	TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ Skin	TWA: 0.1 mg/m ³ STEL: 0.2 mg/m ³ Skin

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

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 6 of 13

Version: 1.1

Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

Other Exposure Guidelines

Vacated limits revoked by the Court of Appeals decision in AFL-CIO v. OSHA, 965 F.2d 962 (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. 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: No information available
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		

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 7 of 13

Version: 1.1

Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

Upper flammability limits	No data available	
Lower flammability limits	No data available	
Vapor pressure	No data available	None known
Vapor density	No data available	None known
Specific Gravity	0.98	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)	No data available
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.

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 8 of 13
Version: 1.1
Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

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:

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

Ingestion:

Specific test data for the substance or mixture is not available. Harmful if swallowed (based off of components).

Component Information

Chemical Name	Oral LD50	Dermal LD50	Inhalation LC50
Silica, amorphous, fumed, crystal-free 112945-52-5	= 3160 mg/kg (rat)	-	-
Calcium Carbonate 471-34-1	= 6450 mg/kg (rat)	-	-
Dibutyltin dilaurate 77-58-7	= 175 mg/kg (rat) = 45 mg/kg (rat)	= 630 mg/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

Skin corrosion/irritation:

No information available

Serious eye damage/eye irritation:

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 9 of 13
Version: 1.1
Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

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
Silica, amorphous, fumed, crystal-free 112945-52-5	-	Group 3	-	-

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

Classification based on data available for ingredients. Contains a known or suspected reproductive toxin.

STOT - single exposure

No information available.

STOT - repeated exposure

No information available.

Germ cell mutagenicity

Classification based on data available for ingredients. Contains a known or suspected mutagen.

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) 728.00 mg/kg

12. ECOLOGICAL CONSIDERATIONS

Ecotoxicity

Harmful to aquatic life with long lasting effects

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 10 of 13

Version: 1.1

Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

Chemical name	Toxicity to Algae	Toxicity to fish	Toxicity to Microorganisms	Daphnia Magna (Water Flea)
Dibutyltin dilaurate 77-58-7	-	48h LC50 = 2 mg/L (Oryzias latipes)	EC50 = 0.576 mg/L 30 min	-

Persistence and Degradability

No information available.

Bioaccumulation

No information available

Mobility

No information available

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

Chemical Name	California Hazardous Waste
Dibutyltin dilaurate 77-58-7	Waste

14. TRANSPORT INFORMATION

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

TDG Not regulated

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 11 of 13

Version: 1.1

Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

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

15. REGULATORY INFORMATION

International Inventories

Ozone-depleting substances (ODS)

Not applicable

Persistent Organic Pollutants

Not applicable

Export Notification requirements

Not applicable

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

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 12 of 13

Version: 1.1

Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

SARA 311/312 Hazard Categories

Acute Health Hazard: Yes
Chronic Health Hazard: Yes
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

This product does not contain any Proposition 65 chemicals

U.S. State Right-to-Know Regulations

This product may contain substances regulated by state right-to-know regulations:

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Calcium Carbonate 471-34-1	X				

16. OTHER INFORMATION

NFPA

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

HMIS

Health Hazards: 2
Flammability: 0
Physical Hazard: 0

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

Page 13 of 13

Version: 1.1

Revision Date: 5/2/2017

XTRABOND 450 SELF LEVELING NEUTRAL CURE SILICONE SEALANT

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

<http://www.xtrabond.com>