

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

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Version: 1.1
Revision Date: 6/29/2016

XTRABOND 100 PREMIUM SILICONIZED ACRYLIC SEALANT

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Brand Name: XtraBond 100
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)

Serious eye damage/eye irritation: Category 2

Carcinogenicity: Category 1B

Emergency Overview: Signal word - Danger

Hazard Statements: Causes serious eye irritation; May cause cancer

Appearance: Varies

Physical State: Paste Liquid

Odor: Latex

Precautionary Statements - Prevention

Wash face, hands and any exposed skin thoroughly after handling; Wear eye/face protection; Use personal protective equipment as required; Do not handle until all safety precautions have been read and understood; Obtain special instructions before use

Precautionary Statements - Response

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IF exposed or concerned: Get medical advice/attention

Eyes

IF IN EYES: Rinse cautiously with water for several minutes; Remove contact lenses, if present and easy to do; continue rinsing; if eye irritation persists: Get medical advice/attention

Precautionary Statements - Storage

Store locked up

Precautionary Statements - Disposal

Dispose of contents/container to an approved waste disposal plant

Hazards not otherwise classified (HNOC)

Not applicable

Unknown Toxicity

72.8% of the mixture consists of ingredient(s) of unknown toxicity

Other information

No information available

Interactions with Other Chemicals

Use of alcoholic beverages may enhance toxic effects

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Mixture

Chemical Nature: Latex

<u>CAS Number</u>	<u>*Wt %</u>	<u>Component Name</u>
1317-65-3	30 - 60	Limestone
107-21-1	1 - 5	Ethylene Glycol
64742-65-0	0.1 - 1	Petroleum distillates, Solvent dewaxed heavy paraffinic
64742-54-7	0.1 - 1	Petroleum distillates, Hydro treated heavy paraffinic
13463-67-7	0.1 - 1	Titanium Dioxide (if needed)

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

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4. FIRST AID MEASURES

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

Eye Contact

Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Keep eye wide open while rinsing. Remove contact lenses, if present and easy to do. Continue rinsing. Get medical attention if irritation develops and persists. Do not rub affected area.

Skin Contact

Wash with soap and water.

Inhalation

Remove to fresh air.

Ingestion

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

Most important symptoms and effects, both acute and delayed

Burning sensation

Indication of any immediate medical attention and special treatment needed

Notes to Physician

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

Uniform Fire Code

Irritant: Liquid

Hazardous Combustion Products

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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 skin, eyes or clothing. Use personal protective equipment as required.

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 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

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Storage

Keep containers tightly closed in a dry, cool and well-ventilated place.

Incompatible Products

None known based on information supplied

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Limestone (CAS# 1317-65-3)	-	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
Ethylene glycol (CAS# 107-21-1)	Ceiling: 100 mg/m ³ aerosol only	(vacated) Ceiling: 50 ppm (vacated) Ceiling: 125 mg/m ³	-
Titanium dioxide (CAS# 13463-67-7)	TWA: 10 mg/m ³	TWA: 15 mg/m ³ total dust (vacated) TWA: 10 mg/m ³ total dust	IDLH: 5000 mg/m ³
Petroleum distillates (CAS# 64742-65-0)	TWA: 5 mg/m ³ as oil mist, mineral STEL: TWA: 10 mg/m ³ as oil mist, mineral	TWA: 5 mg/m ³ as oil mist, mineral	-
Petroleum distillates (CAS# 64742-54-7)	TWA: 5 mg/m ³ as oil mist, mineral STEL: TWA: 10 mg/m ³ as oil mist, mineral	TWA: 5 mg/m ³ as oil mist, mineral	-

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)

Appropriate engineering controls

Showers
Eyewash stations
Ventilation systems

Individual protection measures, such as personal protective equipment

Eye/Face Protection

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If splashes are likely to occur: Wear safety glasses with side shields (or goggles). None required for consumer use.

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. Do not eat, drink or smoke when using this product. Wear suitable gloves and eye/face protection. Avoid contact with skin, eyes, and clothing. Wear suitable gloves and eye/face protection. Wash hands before breaks and immediately after handling the product.

9. PHYSICAL & CHEMICAL PROPERTIES

Physical Form: Paste, Liquid

Color: Varies

Odor: Latex

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	1.50	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	

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Oxidizing Properties No data available

Other Information

Softening Point No data available
VOC Content (g/L) 25
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. May cause irritation of respiratory tract.

Eye Contact:

Specific test data for the substance or mixture is not available. Causes serious eye irritation (based on components) May cause redness, itching, and pain.

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Skin Contact:

Specific test data for the substance or mixture is not available. May cause irritation. Prolonged contact may cause redness and irritation.

Ingestion:

Specific test data for the substance or mixture is not available. Ingestion may cause irritation to mucous membranes. Ingestion may cause gastrointestinal irritation, nausea, vomiting and diarrhea.

Information on toxicological effects**Symptoms:**

May cause redness and tearing of the eyes

Chemical Name	Oral LD50	Dermal LD50	Inhalation LD50
Ethylene Glycol (CAS# 107-21-1)	= 4700 mg/kg (rat)	= 10600 mg/kg (rat) = 9530 uL/kg (rabbit)	-
Titanium Dioxide (CAS# 13463-67-7)	> 10000 mg/kg (rat)	-	-
Petroleum distillates (CAS# 64742-54-7)	> 15 g/kg (rat)	-	-

Delayed and immediate effects as well as chronic effects from short and long-term exposure**Sensitization:**

No information available.

Mutagenic Effects:

No information available.

Carcinogenicity:

The table below indicates whether each agency has listed any ingredient as a carcinogen. This product contains titanium dioxide in a non-respirable form. Inhalation of titanium dioxide is unlikely to occur from exposure to this product. This is not relevant for this product since it is not in a respirable form.

Chemical Name	ACGIH	IARC	NTP	OSHA
Titanium Dioxide (CAS# 13463-67-7)	-	Group 2B	-	X
Petroleum distillates (CAS# 64742-65-0)	A2	Group 1	-	X

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Petroleum distillates (CAS# 64742-54-7)	A2	Group 1	-	X
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ACGIH (American Conference of Governmental Industrial Hygienists)

A2 – Suspected human Carcinogen

IARC (International Agency for Research on Cancer)

Group 1 – Carcinogenic to humans

Group 2B - Possibly Carcinogenic to Humans

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

X - Present

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. Contains a known or suspected carcinogen.

Titanium dioxide has been classified by the International Agency for Research on Cancer (IARC) as possibly carcinogenic to humans (Group 2B) by inhalation.

Target Organ Effects

Eyes. Skin. Respiratory system. Gastrointestinal tract (GI). Central Nervous System (CNS). Heart. Kidney.

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) = 10,543.00 mg/kg

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)
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Ethylene glycol (CAS# 107-21-1)	96h EC50: 6500 – 13000 mg/L (Pseudokirchneriella subcapitata)	96h LC50: = 41000 mg/L (Oncorhynchus mykiss) 96h LC50: 14 – 18 mg/L (Oncorhynchus mykiss) 96h LC50 = 40761 mg/L (Oncorhynchus mykiss) 96h LC50: 40000 – 60000 mg/L (Pimephales promelas) 96h LC50: = 27540 mg/L (Lepomis macrochirus) 96h LC50: = 16000 mg/L (Poecilia reticulata)	EC50 = 10000 mg/L 16h EC50 = 620 mg/L 30 min EC50 = 620.0 mg/L 30 min	48h EC50: = 46300 mg/L
Petroleum distillates (CAS# 64742-65-0)	-	96h LC50 : > 5000 mg/L (Oncorhynchus mykiss)	-	48h EC50: > 1000 mg/L
Petroleum distillates (CAS# 64742-54-7)	-	96h LC50 : > 5000 mg/L (Oncorhynchus mykiss)	-	48h EC50: > 1000 mg/L

Persistence and Degradability

No information available.

Bioaccumulation

Chemical Name	Log Pow
Ethylene glycol (CAS# 107-21-1)	-1.93

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.

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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

15. REGULATORY INFORMATION

International Inventories

TSCA Complies

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 contains a chemical which are subject to the reporting requirements of the Act and Title 40 of the Code of Federal Regulations, Part 372

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Chemical Name	CAS #	Weight %	SARA 313 – Threshold Value %
Ethylene Glycol	107-21-1	1 - 5	1.0

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 contains the following substances which are regulated as pollutants pursuant to the Clean Water Act (40 CFR 122.21 and 40 CFR 122.42)

CERCLA

This material, as supplied, contains one or more substances regulated as a hazardous substance under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302)

Chemical Name	Hazardous Substances RQs	Extremely Hazardous Substances	RQ
Ethylene glycol (CAS# 107-21-1)	5000 lb		RQ 5000 lb final RQ

US State Regulations

California Proposition 65

None reportable

U.S. State Right-to-Know Regulations

Chemical Name	New Jersey	Massachusetts	Pennsylvania	Rhode Island	Illinois
Limestone (CAS# 1317-65-3)	X	X	X		
Ethylene glycol (CAS# 107-21-1)	X	X	X	X	X

International Regulations

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Mexico

Component	Carcinogen Status	Exposure Limits
Limestone (CAS# 1317-65-3)		Mexico: TWA= 10 mg/m ³ Mexico: STEL= 20 mg/m ³
Ethylene glycol (CAS# 10-21-1)		Mexico: Ceiling 100 mg/m ³
Titanium Dioxide (CAS# 13463-67-7)		Mexico: TWA= 10 mg/m ³ Mexico: STEL= 20 mg/m ³

Mexico – Occupational Exposure Limits - Carcinogens

Canada

WHMIS Hazard Class:

Not Determined

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

Chronic Hazard Star Legend * = Chronic Health Hazard

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

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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>