

SAFETY DATA SHEET



PREMIER BUILDING SOLUTIONS, INC.

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Version: 1.1
Revision Date: 4/8/2015

XTRABOND 2500 CO-POLYMER SEALANT & ADHESIVE

1. CHEMICAL PRODUCT & COMPANY IDENTIFICATION

Product Brand Name: XtraBond 2500
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: According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

Skin sensitization: Category 2

Serious eye damage/eye irritation: Category 2A

Carcinogenicity: Category 1B

Aquatic Acute: Category 2

Aquatic Chronic: Category 3

Emergency Overview: Signal word - Danger

Hazard Statements: Causes serious eye irritation; Causes skin irritation; May cause respiratory irritation; May cause cancer; May cause damage to organs (auditory organ) through prolonged or repeated exposure; Harmful to aquatic life with long lasting effects; Toxic to aquatic life.

Appearance: Clear

Physical State: Paste Liquid

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Odor: Solvent-like

Precautionary Statements - Prevention

Wear protective gloves/protective clothing/eye protection/face protection; Obtain special instructions before use; Use only outdoors or in a well-ventilated area; Avoid release to the environment; Do not handle until all safety precautions have been read and understood. Do not breathe dust/gas/mist/vapors; Wash with plenty of water and soap thoroughly after handling.

Precautionary Statements - Response

IF exposed or concerned: Get medical advice/attention or call a POISON CENTER

Skin

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

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

Inhalation

IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Precautionary Statements - Storage

Store in a well-ventilated place; Keep container tightly closed; Store locked up.

Precautionary Statements - Disposal

Dispose of contents/container to hazardous or special waste collection point.

Hazards not otherwise classified (HNOC)

If applicable information is provided in this section on other hazards which do not result in classification but which may contribute to the overall hazards of the substance or mixture.

3. COMPOSITION/INFORMATION ON INGREDIENTS

Substance: Mixture

Classification: According to Regulation 2012 OSHA Hazard Communication Standard; 29 CFR Part 1910.1200

<u>CAS Number</u>	<u>*Wt %</u>	<u>Component Name</u>
100-41-4	>= 10.0 - < 15.0	Ethylbenzene
1330-20-7	>= 15.0 - < 20.0	Xylene
112945-52-5	>= 3.0 - < 5.0	Silica
8042-47-5	>= 1.0 - < 3.0	White mineral oil (petroleum)

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64742-46-7	>= 1.0 - < 3.0	Distillates (petroleum), hydrotreated middle
64742-47-8	>= 1.0 - < 3.0	Distillates (petroleum), hydrotreated light
64742-53-6	>= 1.0 - < 3.0	Distillates (petroleum), hydrotreated light naphthenic
64742-54-7	>= 1.0 - < 3.0	Distillates (petroleum), hydrotreated heavy paraffinic
64742-55-8	>= 1.0 - < 3.0	Distillates (petroleum), hydrotreated light paraffinic
72623-85-9	>= 1.0 - < 3.0	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based, high-viscosity
72623-86-0	>= 1.0 - < 3.0	Lubricating oils (petroleum), C15-30, hydrotreated neutral oil-based
72623-87-1	>= 1.0 - < 3.0	Lubricating oils (petroleum), C20-50, hydrotreated neutral oil-based

*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. First Aid personnel should pay attention to their own safety. Remove contaminated clothing.

Eye Contact

Wash affected eyes for at least 15 minutes under running water with eyelids held open, consult an eye specialist.

Skin Contact

Wash thoroughly with soap and water. Under no circumstances should organic solvent be used. If irritation develops, seek medical attention.

Inhalation

Keep patient calm, remove to fresh air, seek medical attention.

Ingestion

Rinse mouth immediately and drink plenty of water. Do NOT induce vomiting unless told by a poison control center or doctor.

Most important symptoms and effects, both acute and delayed

Symptoms: The most important known symptoms and effects are described in the labeling (see section 2 and /or section 11)

Hazards: No applicable information available

Indication of any immediate medical attention and special treatment needed

Notes to Physician

Treat according to symptoms (decontamination, vital functions), no known specific antidote

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5. FIRE FIGHTING MEASURES

Suitable Extinguishing Media

Foam, Water Spray, Dry Powder, Carbon Dioxide

Unsuitable extinguishing media

Water jet

Specific Hazards Arising from the Chemical

Hazards during fire-fighting: carbon dioxide, carbon monoxide, harmful vapors, nitrogen oxides, fumes/smoke, carbon black

Protective equipment and precautions for firefighters

Wear a self-contained breathing apparatus

Further information

The degree of risk is governed by the burning substance and the fire conditions. Contaminated extinguishing water must be disposed of in accordance with official regulations.

6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures

Use personal protective clothing. Handle in accordance with good building materials hygiene and safety practice.

Environmental Precautions

Environmental Precautions

Contain contaminated water/firefighting water. Do not discharge into drains/surface water/groundwater.

Methods and material for containment and cleaning up

Methods for Containment

For small amounts: Sweep/shovel up. Dispose of absorbed material in accordance with regulations

For large amounts: Sweep/shovel up. Dispose of absorbed material in accordance with regulations

Methods for cleaning up

For small amounts: Sweep/shovel up. Dispose of absorbed material in accordance with regulations

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For large amounts: Sweep/shovel up. Dispose of absorbed material in accordance with regulations

7. HANDLING AND STORAGE

Precautions for safe handling

Handling

Avoid contact with skin, eyes or clothing.

Protection against fire and explosion

Keep away from sources of ignition- no smoking. The relevant fire protection measures should be noted.

Conditions for safe storage, including any incompatibilities

Storage & Incompatible Products

No applicable information available

Suitable materials for containers

High density polyethylene (HDPE)

Further information on storage conditions

Keep in original container in a cool, well-ventilated place. Protect from direct sunlight. Store protected against freezing.

8. EXPOSURE CONTROLS & PERSONAL PROTECTION

Exposure Guidelines

Chemical Name	ACGIH TLV	OSHA PEL	NIOSH IDLH
Ethylbenzene	TWA 20 ppm	PEL 100 ppm, 435 mg/m3 STEL 125 ppm, 545 mg/m3 TWA 100 ppm, 435 mg/m3	-

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Xylene	TWA 100 ppm STEL 150 ppm	PEL 100 ppm, 435 mg/m3 STEL 150 ppm, 655 mg/m3 TWA 100 ppm, 435 mg/m3	-
White Mineral Oil (petroleum)	TWA 5 mg/m3 (inhalation fraction)	PEL 5 mg/m3 (mist) TWA 5 mg/m3 (mist)	-
Distillates (petroleum) Hydrotreated middle	TWA 5mg/m3 (inhalation fraction) Included in the regulation, but with no data values- See the regulation for further details. Exposure by all routes should be carefully controlled to levels as low as possible.	PEL 5 mg/m3 (mist) TWA 5 mg/m3 (mist)	-
Distillates (petroleum) Hydrotreated light	TWA 200 mg/m3 (non- aerosol, total hydrocarbon vapor) Application restricted to conditions in which there are negligible aerosol exposure. Skin designation non-aerosol (total hydrocarbon vapor). The substance can be absorbed through the skin.	-	-
Distillates (petroleum) Hydrotreated light naphthenic	TWA 5mg/m3 (inhalation fraction) Included in the regulation, but with no data values- See the regulation for further details. Exposure by all routes should be carefully controlled to levels as low as possible.	PEL 500 ppm, 20000 mg/m3 PEL 5 mg/m3 (mist) TWA 5 mg/m3 (Mist)	-

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Distillates (petroleum) Hydrotreated light paraffinic	TWA 5mg/m3 (inhalation fraction) Included in the regulation, but with no data values- See the regulation for further details. Exposure by all routes should be carefully controlled to levels as low as possible.	PEL 5 mg/m3 (mist) TWA 5 mg/m3 (mist)	-
Silica	-	TWA 0.8 mg/m3 The exposure limit is calculated from the equation, 80/ (% SiO ₂), using a value of 100% SiO ₂ . Lower percentages of SiO ₂ will yield higher exposure limits. TWA 20 millions of particles per cubic foot of air.	-

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

Appropriate engineering controls

No applicable information available

Individual protection measures, such as personal protective equipment

Eye/Face Protection

Safety glasses with side-shields

Body Protection

Body protection must be chosen based on level of activity and exposure

Respiratory Protection

No applicable information available

Hand Protection

Wear chemical resistant protective gloves

Hygiene Measures

Avoid contact with the skin, eyes and clothing. No special measures necessary if stored and handled correctly. Handle in accordance with good building materials hygiene and safety

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practice. Wearing of closed work clothing is recommended. When using, do not eat, drink or smoke. Hands and/or face should be washed before breaks and at the end of the shift. At the end of the shift the skin should be cleaned and skin-care agents applied. Gloves must be inspected regularly and prior to each use. Replace if necessary (e.g. pinhole leaks).

9. PHYSICAL & CHEMICAL PROPERTIES

Physical Form: Paste, Liquid
Color: Clear
Odor: Solvent-like
Odor Threshold: No information available
Appearance: Clear

<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	Non-flammable	None known
Evaporation Rate	No data available	None known
Flammability (solid, gas)	No data available	None known
Flammability Limit in Air		UN Test N.1 (ready combustible solids)
Upper explosion limit	6.7% (V)	
Lower explosion limit	1.0% (V)	
Vapor pressure	No data available	None known
Vapor density	Heavier than air	None known
Specific Gravity	No data available	None known
Water Solubility	slightly soluble	None known
Solubility in other solvents	No data available	None known
Partition coefficient: n-octanol/water	No data available	None known
Autoignition temperature	Not self-igniting	None known
Decomposition temperature	No decomposition if stored and handled as prescribed/indicated	
Kinematic viscosity	454,400 mm ² /s	40°C
Dynamic viscosity	No data available	None known
Explosive properties	No data available	None known
Oxidizing Properties	No data available	None known
Density	0.98 g/cm ³	None known
Bulk Density	0.98 g/cm ³	None known

Other Information

Softening Point: No data available
VOC Content (g/L): 315 Less water and exempt solvents
Particle Size: No data available
Particle Size Distribution: No data available

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10. STABILITY AND REACTIVITY

Reactivity

No hazardous reactions if stored and handled as prescribed/indicated.

Chemical stability

Stable under recommended storage conditions.

Oxidizing Properties

Based on its structural properties the product is not classified as oxidizing

Possibility of Hazardous Reactions

Stable under recommended storage conditions.

Hazardous Polymerization

Stable under recommended storage conditions.

Conditions to avoid

See section 7- Handling and Storage

Incompatible materials

Strong acids, strong bases, strong oxidizing agents, strong reducing agents

Hazardous Decomposition Products

No hazardous decomposition products if stored and handled as prescribed/indicated

Thermal Decomposition

No decomposition if stored and handled as prescribed/indicated

11. TOXICOLOGICAL INFORMATION

Information on likely routes of exposure

Primary routes of exposure

Routes of entry for solids and liquids are ingestion and inhalation, but may include eye or skin contact. Routes of entry for gases include inhalation and eye contact. Skin contact may be a route of entry for liquefied gases.

Acute Toxicity/Effects

Acute toxicity

Assessment of acute toxicity: Virtually nontoxic after a single ingestion. Based on available Data, the classification criteria are not met.

Oral

No applicable information available.

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Inhalation

No applicable information available.

Dermal

No applicable information available.

Assessment other acute effects

Assessment of STOT single: Causes temporary irritation of the respiratory tract.

Irritation / corrosion

Assessment of irritating effects: Irritating to eyes and skin.

Sensitization

Assessment of sensitization: Based on available Data, the classification criteria are not met.

Aspiration Hazard

No aspiration hazard expected.

Chronic Toxicity/Effects

Repeated dose toxicity

Assessment of repeated dose toxicity: The substance may cause deafness after repeated inhalation. The substance may cause deafness after repeated ingestion.

Genetic toxicity

Assessment of mutagenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Carcinogenicity

Assessment of carcinogenicity: Contains a suspect carcinogen.

Information on: Ethylbenzene

Assessment of carcinogenicity: Indication of possible carcinogenic effect in animal tests. The effect is caused by an animal specific mechanism that has no human counter part. A clear indication of an increased risk of cancer in humans has so far not been shown. IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). IARC (International Agency for Research on Cancer) has classified this substance as group 2B (The agent is possibly carcinogenic to humans). NTP listed carcinogen

Information on: Distillates (petroleum), hydrotreated middle

Assessment of carcinogenicity: The substance caused cancer in animal studies.

Information on: Distillates (petroleum), hydrotreated light naphthenic

Assessment of carcinogenicity: The substance showed carcinogenic activity in animals after chronic administration to the skin.

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Information on: Distillates (petroleum), hydrotreated heavy paraffinic

Assessment of carcinogenicity: In long-term studies in rats and mice a carcinogenic effect was observed. The substance/product has not been fully tested. The statement has been derived from the structure of the product.

Information on: Distillates (petroleum), hydrotreated light paraffinic

Assessment of carcinogenicity: The International Agency for Research on Cancer (IARC) has classified this substance as a Group 1 (known) human carcinogen.

Reproductive toxicity

Assessment of reproduction toxicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Teratogenicity

Assessment of teratogenicity: The chemical structure does not suggest a specific alert for such an effect. Based on available Data, the classification criteria are not met.

Other Information

Based on our experience and the information available, no adverse health effects are expected if handled as recommended with suitable precautions for designated uses. The product has not been tested. The statements on toxicology have been derived from the properties of the individual components.

Symptoms of Exposure

The most important known symptoms and effects are described in the labeling (see section 2) and/or in section 11.

STOT - single exposure

3 (irritating to respiratory system)

STOT - repeated exposure

2

12. ECOLOGICAL CONSIDERATIONS

Aquatic toxicity

Assessment of aquatic toxicity: Acutely toxic for aquatic organisms; May cause long-term adverse effects in the aquatic environment.

Persistence and degradability

Assessment biodegradation and elimination (H₂O):

Inherently biodegradable; The insoluble fraction can be removed by mechanical means in suitable waste water treatment plants. The polymer component of the product is poorly

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biodegradable.

Bioaccumulative potential:

Assessment bioaccumulation potential- Discharge into the environment must be avoided.

Mobility in soil:

Assessments transport between environmental compartments- No data available.

Additional information:

Other eco-toxicological advice: Do not discharge product into the environment without control. The product has not been tested. The statements on eco-toxicology have been derived from the properties of the individual components.

13. DISPOSAL CONSIDERATIONS

Waste treatment methods

Disposal methods

Dispose of in accordance with local authority regulations. Do not discharge into drains/surface waters/groundwater

14. TRANSPORT INFORMATION

USDOT

Land: Not classified as a dangerous good under transport regulations

IATA/ICAO

Air: Not classified as a dangerous good under transport regulations

IMDG

Sea: Not classified as a dangerous good under transport regulations

15. REGULATORY INFORMATION

US Federal Regulations

Chemical: TSCA, US released / listed

EPCRA 311/312 (Hazardous categories): Acute; Chronic

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16. OTHER INFORMATION

NFPA

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

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>