

Safety Data Sheet

Section 1. Identification

GHS product Identifier : Poly Wall® Blue Barrier™ – 2300 Liquid Wrap
Other means of identification : Not available

Relevant identified used of the substance or mixtures and uses advised against

Blue Barrier™ Liquid Wrap is used as an air barrier.

Supplier's details Poly Wall® Building Solutions
4101 South Interstate 45
Ennis, TX 75119
Tel: (888) 976-7659 (M-F 7 am-5 pm CST)

Emergency telephone number) with hours of operation) CHEMTREC, US 1-800-424-9300 International 1-703-527-3887 (24/7)

Section 2. Hazards identification

OSHA/HCS status : This material is considered hazardous by the OSHA Hazardous Communications Standard (49CFR1910.1200) .

Classification of the substance or mixture : Skin Corrosion/Irritation- Category 2
Serious eye damage/eye irritation.- Category 2
Specific target organ toxicity (single exposure) – Category 3
Acute toxicity- Category 4
Flammable liquid- Category 2

GHS label elements
Hazard pictogram



Signal word : Warning

Hazard statement : May cause skin irritation
May cause serious eye irritation
May cause respiratory irritation.

Precautionary statements
Prevention

: Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Keep away from heat/sparks/open flames/hot surfaces.No smoking. Keep container tightly closed. Ground/bond container and receiving equipment. Use explosion proof electrical/ventilating/lighting and equipment. Take precautionary measures against static discharge. Use personal protective equipment as required. Wear protective gloves, protective clothing, eye and face protection. Wash hands thoroughly after handling. Use only outdoors or in a well- ventilated area. Avoid release to the environment. Do not breathe vapor.

Section 2. Hazards identification

- Response** : In case of fire; Use water spray, carbon dioxide, dry chemical or alcohol foam for extinguishment.
IF INHALED: Remove individual to fresh air. If individual is not breathing or if breathing is irregular, provide artificial respirations or oxygen by trained personnel. Seek immediate medical attention. IF IN EYES: Rinse cautiously with water for at least 20 minutes. Remove contact lenses, if present and easy to do. Seek immediate medical attention. If SWALLOWED: Immediately call a POISON CENTER or physician. DO NOT induce vomiting. IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash with plenty of soap and water. If skin irritation occurs: Get medical attention.
- Storage** : Store locked up. Store in a well-ventilated place. Keep container tightly closed.
- Disposal** : Dispose of contents and container in accordance with all local, regional, national and international regulations.
- Hazards not otherwise classified** : Not applicable.

Section 3. Composition/information on ingredients

- Substance/Mixture** : Mixture
Other means of identification : Not available
CAS number/other identifiers
CAS number : Not applicable

Ingredient name	%	CAS Number
Calcium Carbonate	30-60*	13417-65-3
Silylated Polyether Resin	10-40*	Trade Secret
1,2- Benzenedicarboxylic acid di-C9-11- branched alkyl esters C10-rich	5-20 *	68515-49-1
Methyl Acetate	8-12*	79-20-9
Trimethoxyvinylsilane	0.5-2.5 *	2768-02-7
n-(3-(Trimethoxysilyl)propyl)Ethylenediamine	0.5 -2.5 *	1760-24-3
Titanium Dioxide	0.5-2.5 *	13463-67-7
Silicon dioxide	0.5-2.5 *	112945-52-5
Methyl Alcohol	0.20-0.40*	67-56-1
Naptha, petroleum, heavy alkylate	0.05-0.5 *	64741-65-7
Dibutyltin Dilaurate	0.05-0.5 *	77-58-7

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

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentration applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

Section 4. First aid measures

Description of necessary first aid measures.

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses. Continue to rinse for at least 20 minutes. Get medical attention immediately.

Section 4. First aid measures

- Inhalation** : Remove individual to fresh air. If individual is not breathing or if breathing is irregular, provide artificial respirations or oxygen by trained personnel. Seek immediate medical attention.
- Skin contact** : Take off immediately all contaminated clothing. Rinse skin with water or shower. Wash with plenty of soap and water. If skin irritation occurs: Get medical attention.
- Ingestion** : Immediately call a POISON CENTER or physician. DO NOT induce vomiting.

Most important symptoms/effects, acute and delayed

Potential acute health effects

- Eye contact** : May cause serious eye irritation.
- Inhalation** : May be harmful if inhaled. Irritating to respiratory system. Can irritate eyes, nose, mouth and throat..
- Skin contact** : Irritating to skin. May cause an allergic skin reaction.
- Ingestion** : Maybe harmful if swallowed.

Most important symptoms/effects, acute and delayed

Over-exposure signs/symptoms

- Eye contact** : Adverse symptoms may include the following:
Pain or irritation, watering, redness
- Inhalation** : Adverse symptoms may include the following:
Respiratory irritation
- Skin contact** : Adverse symptoms may include the following:
Irritation, redness, allergic skin reaction
- Ingestion** : Adverse symptoms may include the following:
Nausea or vomiting

Indication of immediate medical attention and special treatment needed, if necessary.

- Notes to physician:** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment
- Protection of first-aiders:** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing the aid to give mouth to mouth resuscitation.

Section 5. Fire-fighting measures

Extinguishing media

- Suitable extinguishing media** : In case of fire; Use water spray, carbon dioxide, dry chemical or alcohol form for extinguishment.
- Unsuitable extinguishing media** : None known.
- Specific hazards arising from the chemical** : Water contaminated with this material must be prevented from being discharged to waterways, sewers or drains.
- Hazardous thermal decomposition products** : Carbon Oxides
- Special protective equipment** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face piece operated in a positive pressure mode.
- Special protective actions for fire fighters** : Flammable liquid and vapor may cause flash fire. Material will float and may ignite on surface of water.

Section 6. Accidental release measures

Personal precautions, protective equipment and emergency procedures.

- For non emergency personal** : Evacuate surrounding area. Keep unnecessary and unprotected personnel from entering. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialized clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel."
- Enviromental precautions** : Avoid disposal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil, or air).

Methods and materials for containment and cleaning up

- Spill** : Approach release from upwind. Remove all sources of ignition. Use non sparking tools for clean-up. Prevent entry into sewers, water courses. Stop leak if without risk. Move container from spill area. Contain and collect spillage with non-combustible, absorbent materials i.e. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations Dispose of via a licensed waste disposal contractor. See Section 13 for waste disposal.

Section 7. Handling and storage

Precautions for safe handling

- Protective measures** : Put on appropriate personal protective equipment (see Section 8). Avoid exposure-obtain special instructions before use. Do not handle until safety precautions have been read and understood. Do not get in eyes or on the skin or clothing. Do not breathe vapor or mist. Do not swallow. Avoid release to the environment. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in original container or an approved alternative made from compatible material, kept tightly closed when not in use. Keep away from heat, sparks and open flames.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry cool and well-ventilated area and food and drink. Store locked up. Keep container tightly closed and sealed until ready to use. Do not store in unlabeled containers. Do not store above 120 F /49 C.

Section 8. Exposure controls/personal protection

Control parameters Occupational exposure limits

Control parameters Occupational exposure limits

<u>Ingredient name</u>	<u>Exposure limits</u>
Methyl Acetate	OSHA PEL TWA: 610 mg/m ³
Methanol	NIOSH REL TWA: 610 mg/m ³ ST: 760 mg/m ³ OSHA PEL TWA: 260 mg/m ³ NIOSH REL TWA: 260 mg/m ³ ST: 325 mg/m ³
Titanium Dioxide	ACGIH TLV TWA: 10 mg/m ³ OSHA PEL TWA: 15 mg/m ³ Total dust

Appropriate engineering controls

: Use only with adequate ventilation. Use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

Environmental exposure controls

: Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation.

Hygiene measure:

: Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking, and using the lavatory and at the end of the working period. Ensure that eyewash stations and safety showers are close to the work station location.

Eye/face protection

: Safety eyewear complying with an approved standard should be used when risk assessment indicates this is necessary to avoid exposure to liquid splashes. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: Safety glasses with side shields.

Skin Protection Hand protection

: Chemical- resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary.

Body protection

: Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Other skin protection

: Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

Respiratory protection

: Use a properly fitted, air purifying or supplied air respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

Section 9. Physical and chemical properties

Appearance

Physical state	: Paste/Gel liquid
Color	: Blue
Odor	: Weak
Odor threshold	: Not available
pH	: Not applicable
Melting point	: Not applicable
Boiling point	: Not applicable
Flash Point	: < 200 F
Evaporation rate:	: No information available
Flammability(solid, gas)	: No information available
Lower & upper explosive (flammable) limits	: Lower: No information available Upper : No information available
Vapor density	: No information available
Vapor pressure	: No information available
Relative density	: 8.4 lbs/gal
Solubility	: No information available
Partition coefficient: n-octanol/water	: No information available
Auto- ignition temperature	: No information available
Decomposition temperature	: No information available
Viscosity	: 3,000- 3,800 cps
VOC	: <1.0 % (V/V)

Section 10. Stability and reactivity

Reactivity	: No specific test data related to reactivity available for this product or its ingredients.
Chemical stability	: This product is stable.
Possibility of hazardous reactions	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.
Conditions to avoid:	: Avoid excessive heat, sparks and flames.
Incompatible materials	: Reactive or incompatible with water, acids, oxidizing materials, strong alkalis.
Hazardous decomposition products	: Under normal conditions of storage and use, hazardous decomposition products should not be produced.

Section 11. Toxicological information

Information on toxicological effects

<u>Acute toxicity</u>	: None known
<u>Irritation/Corrosion</u>	
Eye contact	: Severely irritating to eyes.
Inhalation	: Maybe harmful if inhaled. Irritating to respiratory tract.
Skin contact	: Irritating to skin. May cause an allergic skin reaction.
Ingestion	: May be harmful if swallowed.
<u>Sensitization</u>	
Skin	: There is no data available
Respiratory	: There is no data available
<u>Mutagenicity</u>	: There is no data available

Section 11. Toxicological information

- Carcinogenicity Classification** : There is no data available
- Reproductive toxicity** : There is no data available
Teratogenicity : There is no data available
Specific target organ toxicity (single exposure) : No information available
- Specific target organ toxicity (repeated exposure)** : Contains material which causes damage to the following organs: Upper respiratory tract, skin, eyes.
- Aspiration hazard** : No information available
- Information on the likely routes of exposure** : Routes of entry anticipated: Dermal, inhalation.
- Potential acute health effects**
- Eye contact** : Severely irritating to eyes.
Inhalation : Maybe harmful if inhaled. Irritating to respiratory tract.
Skin contact : Irritating to skin. May cause an allergic skin reaction.
Ingestion : May be harmful if swallowed.
- Symptoms related to the physical, chemical and toxicological characteristics**
- Eye contact** : Adverse symptoms may include the following: Pain or irritation, watering, and redness.
Inhalation : Adverse symptoms may include the following: Respiratory irritation
Ingestion : Adverse symptoms may include the following: Nausea or vomiting.
- Delayed and immediate effects and also chronic effects from short and long term exposure**
- Short term exposure**
- Potential immediate effects** : No known significant effects or critical hazards
Potential delayed effects : No known significant effects or critical hazards
- Long term exposure**
- Potential immediate effects** : No known significant effects or critical hazards
Potential immediate effects : No known significant effects or critical hazards
Potential delayed effects : No known significant effects or critical hazards
Potential chronic health effects
- General** : No known significant effects or critical hazards
Carcinogenicity : This product contains raw materials which may cause cancer.

Ingredient	ACGIH	IARC
Titanium Dioxide	A4	2B
Silicon Dioxide		3

- Mutagenicity** : No known significant effects or critical hazards
Teratogenicity : No known significant effects or critical hazards
Developmental effects : No known significant effects or critical hazards
Fertility effects : No known significant effects or critical hazards
Target organs : No known significant effects or critical hazards

Section 12. Ecological information



Environmental effects : Not determined

Section 13. Disposal Considerations

Disposal methods : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recycled products via a licensed waste disposal contractor. Waste should not be disposed of to a sewer. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling empty containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, water ways, drains and sewers.

Section 14. Transportation information

DOT/IATA

	DOT Classification	IATA	
UN Number	UN1993	UN 1993	
UN Proper Shipping Name	Flammable Liquid, N.O.S. (contains Methyl Acetate)	Flammable Liquid, N.O.S. (contains Methyl Acetate)	
Transportation hazard class	3 	3 	
Packing Group	III	III	
Additional Information			

Section 15. Regulatory information

U.S. Federal regulations: : **United States inventory (TSCA 8 b):** all components are listed or exempted
: **TSCA:** Meets requirements

Clean Water Act(CWA) : 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)

Composition/information on ingredients

SARA 311/312 Classification : Acute health hazard, fire hazard

Composition/information on ingredients

SARA 313 : 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.

Section 15. Regulatory information

- CERCLA** : This product contains no substances regulated as hazardous substances under the Comprehensive Environmental Response Compensation and Liability Act (CERCLA) (40 CFR 302) or the Superfund Amendments and pertaining to releases of this material.
- State regulations**
- Massachusetts** : The following components are listed: Precipitated Calcium carbonate, Titanium Dioxide (inbound mixture).
- New Jersey** : The following components are listed: Precipitated Calcium carbonate, Titanium Dioxide (inbound mixture), Methanol, and Methyl Acetate.
- Pennsylvania** : The following components are listed: Precipitated Calcium carbonate, Titanium Dioxide (inbound mixture) and Diisodecyl phthalate.
- Minnesota** : The following components are listed: Precipitated Calcium carbonate, Titanium Dioxide (inbound mixture).

Section 15. Regulatory information

- California Prop 65** : **Warning:** this product contains a chemical known to the state of California to cause birth defects or other reproductive harm: Diisodecyl phthalate, methanol.
- International regulations**
- International lists** : Canadian inventory (DSL/NDL): Complies

16. Other information

Hazardous Material Information System (USA)

Health -1 Flammability-2 Physical hazards-0

Caution: HMIS® rating are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on SDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with fully implemented HMIS® program. HMIS® is a registered trademark of the National Paint & Coating Association (NPCA). HMIS® materials may be purchased exclusively from J.J. Keller. The customer is responsible for determining the PPE code for this material.

Date of revision: 3/9/17
Date of previous issue 8/4/16
Revisions: Correct typo on Silylated Polyether
Version 4
Prepared by C. Rogalski

Notice to reader: To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.