

# Safety Data Sheet

## Section 1. Identification

**GHS product Identifier** : Poly Wall® Blue Barrier™ Liquid Flashing  
**Other means of identification** : Not available

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

Blue Barrier™ is a liquid flashing sealant product.

**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

**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. 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.

**Response**

: Collect spillage; Get medical attention if you feel unwell. If exposure or concerned: Get medical attention. 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.

## Section 2. Hazards identification

- 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
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
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.
- 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.

## Section 4. First aid measures

### 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** : Use an extinguishing agent suitable for the surrounding fire.
- 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** : None

## 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."
- Environmental 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).

## Section 6. Accidental release measures

### Methods and materials for containment and cleaning up

#### Spill

: Approach release from upwind. 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.

#### 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

Ingredient name	Exposure limits
Titanium Dioxide	<b>ACGIH TLV</b> TWA: 10 mg/m <sup>3</sup> <b>OSHA PEL</b> TWA: 15 mg/m <sup>3</sup> 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 airbornes 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.

## Section 8. Exposure controls/personal protection

- 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** : Not applicable  
**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** : 11.7 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** : 170,000- 200,000 cps  
**VOC** : <1.0 % (V/V)

## Section 10. Stability and reactivity

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

## Section 11. Toxicological information

### Information on toxicological effects

Acute toxicity : None known

### Irritation/Corrosion

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.

### Sensitization

Skin : There is no data available  
Respiratory : There is no data available  
Mutagenicity : There is no data available  
Carcinogenicity : There is no data available

### Classification

### 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.

## Section 11. Toxicological information

### 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
- Skin contact** : Adverse symptoms may include the following: Irritation or redness.
- 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/IMDG** : Not regulated



## 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** : Acute health hazard  
**Classification**  
**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.
- 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).  
**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).  
**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
- International regulations**  
**International lists** : Canadian inventory ( DSL/NDL): Complies

## 16. Other information

### Hazardous Material Information System ( USA)

**Health -1**                      **Flammability-0**                      **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**                      **5/10/16**  
**Revisions:**                      **Correct typo on Silyated polyether**

**Version**                      **3**  
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