

# Safety Data Sheet

## Section 1. Identification

**GHS product Identifier** : Poly-Wall® Blue Barrier™ 2100 Liquid Flashing  
**Other means of identification** : Not available

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

**Supplier's details** Poly Wall® Building Solutions  
3801 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 sensitizer	Category 1
Eye irritation	Category 2A
Carcinogenicity	Category 1A
Reproductive Toxicity	Category 1B

**Hazard pictogram**



**Signal word**  
**Hazard statement**

**Danger**

Causes serious eye irritation.  
May cause an allergic skin reaction.  
May cause cancer.  
May damage fertility or the unborn child.

**Precautionary statements**  
**Prevention**

Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Wash hands thoroughly after handling. Do not breathe vapors/fumes. Do not eat, drink or smoke while using this product. Use in well ventilated area. Wear impervious gloves/ protective clothing/eye protection. Contaminated work clothing must not be allowed out of the workplace.

## **Section 2. Hazards Identification**

<b>Response</b>	If on skin: Wash with plenty of water. Take off contaminated clothing and wash if before reuse. If skin irritation or rash occurs: get medical advice/attention. If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/ attention. If inhaled: remove person to fresh air and keep comfortable for breathing. If experiencing respiratory symptoms: Call a poison center/doctor. If swallowed: Rinse mouth. DO NOT induce vomiting. Get medical advice/attention if you feel unwell. If exposed or concerned: get medical advice/attention.
<b>Storage</b>	Store locked up. Store in a well-ventilated place, keep cool. Keep container tightly closed.
<b>Disposal</b>	Dispose of contents and container in accordance with all local, regional, national and international regulations.
<b>Hazards not otherwise classified</b>	Not applicable.
<b>Unknown Acute Toxicity</b>	34.3 % of the mixture consists of ingredient(s) of unknown acute toxicity.

## **Section 3. Composition/information on Ingredients**

<b>Substance/Mixture</b>	Mixture
<b>Other means of identification</b>	Not available
<b>CAS number/other identifiers</b>	
<b>CAS number</b>	Not applicable

<b>Ingredient name</b>	<b>%</b>	<b>CAS Number</b>
Silyl Terminated Polyether	10-30 %	Proprietary
Aminoalkoxysilane	0.5-1.5%*	1760-24-3
Calcium Carbonate**	30-60 %*	1317-65-3
Trimethoxyvinylsilane	0.5-1.5%*	2768-02-7
Crystalline Silica, Quartz**	0.1-1.0%*	14808-60-7
Dibutyltin bis(acetylacetonate)	0.1-1.0*	22673-19-4

\*\* Inhalation of particulates unlikely due to product's physical state.

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

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

## **Section 4. First Aid Measures**

### Description of necessary first aid measures.

<b>Eye contact</b>	In case of contact, immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Get medical attention immediately.
<b>Inhalation</b>	If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.
<b>Skin contact</b>	In case of contact, immediately flush skin with plenty of soap and water. For minor contact, avoid spreading material on affected skin. If skin irritation or rash occurs: get medical attention/advice. Take off contaminated clothing and wash before reuse.

## Section 4. First Aid Measures

### Ingestion

If swallowed, do not induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person. Get medical advice/attention.

### Most important symptoms/effects, acute and delayed

#### Eye contact

Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

#### Inhalation

May cause respiratory tract irritation. May cause damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease.

#### Skin contact

May cause skin irritation. Handling can cause dry skin, discomfort, irritation and dermatitis. May cause an allergic skin reaction.

#### Ingestion

Maybe harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting.

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

#### Notes to physician:

Symptoms may not appear immediately.

#### 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 extinguishing measures that are appropriate to local circumstances and the surrounding environment.

#### Unsuitable extinguishing media

Use of water spray when fighting fire may be inefficient.

#### Hazardous thermal decomposition products

Nitrogen Oxides (corrosive)

#### 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.

## 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. 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

Use in well-ventilated areas. Wear impervious gloves and eye protection. Do not mix with other chemical products, except as indicated by the manufacturers. Do not get in eyes. Do not get on skin or clothing. Do not breathe vapor or mist. Do not swallow.

#### Advice on general occupational hygiene

Use good industrial hygiene practices and wear recommended personal protection. Launder contaminated clothing before reuse. Wash hands before eating, drinking or smoking.

#### Conditions for safe storage, including any incompatibilities

Store in accordance with local regulations. Store locked up. Keep container tightly closed and sealed until ready to use. Do not store in unlabeled containers. Store at room temperature.

## Section 8. Exposure Controls/Personal Protection

### Control parameters

#### Occupational exposure limits

Ingredient name	OSHA- PEL	ACGIH- TLV
Silyl Terminated Polyether	Not Available	Not available
Aminoalkoxysilane	Not Available	Not Available
Calcium Carbonate**	5 mg/m <sup>3</sup> (Resp.) 15 mg/m <sup>3</sup> ( Total)	5 mg/m <sup>3</sup> (Resp.)
Trimethoxyvinylsilane	Not Available	Not available
Crystalline Silica, Quartz**	0.05 mg/m <sup>3</sup>	0.025 mg/m <sup>3</sup> (Resp.)
Dibutyltin bis(acetylacetonate)	0.1 mg/m <sup>3</sup>	0.1 mg/m <sup>3</sup>

\*\* Inhalation of particles unlikely due to product's physical state.

### Environmental engineering controls

#### Hygiene measure:

Use ventilation adequate to keep exposures (airborne levels of dust, fume , vapor, etc.) below recommended exposure limits. 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.

## Section 8. Exposure Controls/Personal Protection

### Skin Protection

#### Hand protection

Wear impervious gloves, such as nitrile.

#### Body protection

Wear suitable protective clothing.

#### Other skin protection

Wear appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved.

#### 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

Mint like

#### Odor threshold

Mild

#### pH

No data available

#### Melting point

No data available

#### Boiling point

No data available

#### Flash Point

145 °F or ( 62.8 °C)

#### Evaporation rate:

No data available

#### Flammability (solid, gas)

Not flammable/ not Combustible

#### Lower & upper explosive (flammable) limits

Lower: No data available

Upper: No data available

#### Vapor density

No data available

#### Vapor pressure

No data available

#### Relative density

1.60-1.80 g/ml

#### Solubility

Insoluble

#### Partition coefficient: n-octanol/water

No data available

#### Auto- ignition temperature

No data available

#### Decomposition temperature

No data available

#### Viscosity

400,000- 600,000 cps

#### VOC

< 18 g/l. less water and exempt solvents

## Section 10. Stability and Reactivity

### Reactivity

No dangerous reaction known under conditions of normal use.

### Chemical stability

This product is stable under normal storage conditions.

### Possibility of hazardous reactions

No dangerous reaction known under conditions of normal use.

### Conditions to avoid:

Heat. Incompatible materials.

### Incompatible materials

Strong oxidizing agents. Water and moisture.

### Hazardous decomposition products

Carbon oxides. Nitrogen Oxides (NO<sub>x</sub>). Aldehydes. Methanol.

## **Section 11. Toxicological Information**

**Likely routes of exposure**

Skin contact, eye contact, inhalation and ingestion.

**Eye contact**

Causes serious eye irritation. Symptoms may include discomfort or pain, excess blinking and tear production, with marked redness and swelling of the conjunctiva.

**Inhalation**

May cause respiratory tract irritation. May cause damage to organs through prolonged or repeated exposure. This product contains crystalline silica. Prolonged or repeated inhalation of respirable crystalline silica from this product can cause silicosis, a serious disabling and fatal lung disease.

**Skin contact**

May cause skin irritation. Handling can cause dry skin, discomfort, irritation and dermatitis. May cause an allergic skin reaction..

**Ingestion**

Maybe harmful if swallowed. Ingestion may cause discomfort and/or distress, nausea or vomiting..

<b>Acute Toxicity (ATE<sub>mix</sub>= 5,530 mg/kg)</b>		
<b>Chemical name</b>	<b>LC50</b>	<b>LD 50</b>
Silyl Terminated Polyether	Not Available	Not Available
Aminoalkoxysilane	Not Available	Oral: > 7,500 mg/kg, rat
Calcium Carbonate	Not Available	Oral: > 6,450 mg/kg, rat
Trimethoxyvinylsilane	Not Available	Oral: > 7,000 mg/kg, rat
Crystalline Silica, Quartz	Not Available	Oral: > 10,000 mg/kg, rat
Dibutyltin bis(acetylacetonate)	Not Available	Oral: 1,864 mg/kg, rat

<b>Carcinogenicity</b>	
<b>Chemical Name</b>	<b>Chemical listed as Carcinogens or Potential Carcinogen ( NTP, IARC, OSHA, ACGIH, CP65)</b>
Silyl Terminated Polyether	Not listed
Aminoalkoxysilane	Not listed
Calcium Carbonate	Not listed
Trimethoxyvinylsilane	Not listed
Crystalline Silica, Quartz	N-2, I-1, O-1, ACGIH-A2, CP65
Dibutyltin bis(acetylacetonate)	Not listed

**Delayed, Immediate and Chronic Effects of Short and Long Term Exposure.**

<b>Short-Term</b>	
<b>Skin Corrosion/Irritation</b>	May cause skin irritation
<b>Serious eye Damage/Irritation</b>	Causes serious eye irritation
<b>Respiratory Sensitization</b>	Not classified
<b>Skin Sensitization</b>	May cause an allergic reaction
<b>STOT- Single exposure</b>	May cause respiratory irritation
<b>Aspiration Hazard</b>	Not classified
<b>Long- Term</b>	
<b>Carcinogenicity</b>	May cause cancer
<b>Germ cell Mutagenicity</b>	Not classified
<b>Reproductive Toxicity</b>	May damage fertility or the unborn child
<b>STOT- Repeated exposure</b>	Not classified
<b>Synergistic/Antagonistic Effects</b>	Not classified

## Section 12. Ecological Information

**Ecotoxicity** May cause long-term adverse effects to the aquatic environment. Keep from entry into sewers and waterways.

<b>Ecotoxicity</b>		
<b>Chemical Name</b>	<b>EC50/NOEC-48 hours</b>	<b>LC50/NOEC-96 hours</b>
Silyl Terminated Polyether	Not available	Not available
Aminoalkoxysilane	81 mg/l, Daphnia magna	597 mg/l, Brachydanio rerio
Calcium Carbonate	Not available	Not available
Trimethoxyvinyasilane	168.7 mg/l, Daphnia magna	597 mg/l, Brachydanio rerio
Crystalline Silica, Quartz	Not available	Not available
Dibutyltin bis(acetylacetonate)	0.0036 mg/l, Daphnia magna	Not available

**Persistence and degradability** No information available.  
**Bioaccumulation** No information available.  
**Mobility in Soil** No information available.  
**Other adverse effects** No information available.

## Section 13. Disposal Considerations

**Disposal methods** Dispose of contents/containers in accordance with all local, state, tribal, provincial, and federal regulations.

## Section 14. Transportation Information

### DOT/IATA

	<b>DOT Classification</b>	<b>IATA</b>
<b>UN Number</b>	Not Regulated	Not Regulated
<b>UN Proper Shipping Name</b>	Not Regulated	Not Regulated
<b>Transportation hazard class</b>	N/A	N/A
<b>Packing Group</b>	N/A	N/A
<b>Additional Information</b>		

## Section 15. Regulatory Information

**U.S. Federal regulations:** All components are listed on the US TSCA inventory list.

**Composition/information on ingredients**


**SARA 302 (EHS) TPQ** None of the components are listed.  
**SARA 304 EHS RQ** None of the components are listed.  
**SARA 313** None of the components are listed.  
**CERCLA** None of the components are listed.

**State regulations**

**Other US States' "Right to Know" Lists**

Silyl Terminated Polyether- CAS # N/A  
Calcium Carbonate- CAS # 1317-65-3  
Aminoalkoxysilane- CAS # 1706-24-3  
Trimethyloxyvinylsilane- CAS # 2768-02-7  
Dibutyltin bis( acetylacetonate) – CAS # 22673-19-4  
Crystalline Silica, Quartz- CAS # 14808-60-7

**California Prop 65**

 **WARNING:** This product can expose you to chemicals including crystalline silica, , which is known to the State of California to cancer, and methanol, which is known to the State of California to cause birth defects or other reproductive harm. For more information go to [www.P65Warnings.ca.gov](http://www.P65Warnings.ca.gov)

## 16. Other Information

**Hazardous Material Information System (USA)**

**Health -2                      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 CFR1910.1200, 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.

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**Version** 4  
**Prepared by** C. Rogalski

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