Conforms to HazCom 2012/ United States

Safety Data Sheet

Section 1. Identification

GHS product Identifier : Poly-Wall® Blue Barrier™ 2200 Joint Filler
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
Danger

Hazard statement
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

Response 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.

Storage Store locked up. Store in a well-ventilated place, keep cool. 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.

Unknown Acute Toxicity 33.7 % of the mixture consists of ingredient(s) of unknown acute toxicity.

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
Silyl Terminated Polyether	10-30 %	Proprietary
Aminoalkoxysilane	0.5-1.5%*	1760-24-3
Calcium Carbonate**	40 - 70 %*	1317-65-3
Trimethoxyvinylsilane	0.5-1.5%*	2768-02-7
Crystaline 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.

Eye contact 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.

Inhalation 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.

Skin contact 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.

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).

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^3 (Resp.) 15 mg/m^3 (Total)	5 mg/m^3 (Resp.)
Trimethoxyvinysilane	Not Available	Not available
Crystalline Silica, Quartz**	0.05 mg/m^3	0.025 mg/m^3 (Resp.)
Dibutyltin bis(acetylacetonate)	0.1 mg/m^3	0.1 mg/m^3

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

Environmental engineering controls

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

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.

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 preformed 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	Not available
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	900,000- 1,200,000 cps
VOC	< 17 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_x). 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..

Acute Toxicity (ATE_{mix}= 5,530 mg/kg)		
Chemical name	**LC50**	**LD 50**
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
Trimethoxyvinysilane	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

Carcinogenicity	
Chemical Name	**Chemical listed as Carcinogens or Potential Carcinogen (NTP, IARC, OSHA, ACGIH, CP65)**
Silyl Terminated Polyether	Not listed
Aminoalkoxysilane	Not listed
Calcium Carbonate	Not listed
Trimethoxyvinysilane	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.

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

Section 12. Ecological Information

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

Ecotoxicity		
Chemical Name	**EC50/NOEC-48 hours**	**LC50/NOEC-96 hours**
Silyl Terminated Polyether	Not available	Not available
Aminoalkoxysilane	81 mg/l, Daphnia magna	597 mg/l, Brachydanio rerio
Calcium Carbonate	Not available	Not available
Trimethoxyvinysilane	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

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

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

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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Revisions: **Updated product information, chemical composition change. Added Prob 65 warning.**
Version **4**
Prepared by **C. Rogalski**

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