

# Safety Data Sheet

## Section 1. Identification

**GHS product Identifier** Blue Barrier™ Liquid Flashing  
**Other means of identification** PG.BB.LF

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

Sealant.

**Supplier's details** Polyguard Products, Inc.  
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

**Classification of the substance or mixture**

|                               |            |
|-------------------------------|------------|
| Skin Corrosion/Irritation     | Category 2 |
| Serious Eye Damage/Irritation | Category 2 |
| Skin Sensitization            | Category 1 |

**Hazard pictogram**



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

**Warning**  
Causes Skin Irritation  
Causes serious eye irritation.  
May cause an allergic skin reaction.

**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/fume/gas/mist.vapors/spray. Do not eat, drink or smoke while using this product. Use in well ventilated area. Contaminated work clothing must not be allowed out of the workplace.

**Response**

IF exposure or concerned: Get medical advice/attention. 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. 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. IF SWALLOWED: Immediately call a POISON CENTER or doctor/physician: DO NOT induce vomiting.

**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.

### 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> |
|------------------------|----------|-------------------|
| Proprietary            | 40-50 %  | Proprietary       |
| Proprietary            | 10-20 %  | Proprietary       |
| Proprietary            | < 1 %    | Proprietary       |
| Proprietary            | < 1%     | Proprietary       |
| Proprietary            | < 1 %    | Proprietary       |

### 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> | 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.              |
| <b>Eye contact</b>  | 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 attention. |

#### Most Important Symptoms and Effects:

May be harmful if swallowed. Causes skin irritation. Causes serious eye irritation. May cause an allergic skin reaction.

|                          |                       |
|--------------------------|-----------------------|
| <b>Note to Physician</b> | Treat symptomatically |
|--------------------------|-----------------------|

### Section 5. Fire-Fighting Measures

#### Extinguishing media

|  |   |
|--|---|
| <b>Suitable extinguishing media</b>                | Carbon Dioxide, Dry Chemical, Foam or Water Spray.  |
| <b>Unsuitable extinguishing media</b>              | Not determined  |
| <b>Specific Hazards arising from the Chemical:</b> | Products may burn, but do not ignite easily.  |
| <b>Hazardous Combustion Products:</b>              | Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.  |
| <b>Special protective equipment</b>                | Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full-face piece operated in a positive pressure mode.   |
| <b>Precautions for Firefighters</b>                | Move material from fire area if it can be done without risk. Cool containers with water. Avoid inhalation of vapors or combustion by-products. Use extinguishing agents appropriate for surrounding fire. Dike for later disposal. Stay upwind and keep out of low-lying areas. |

## 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. 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, 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 protective gloves, protective clothing, and eye/face protection. Contaminated work clothing must not be allowed out of the workplace. Avoid breathing dust, fumes, gas, mist, vapors, or spray.

#### Advice on general occupational hygiene

Use good industrial hygiene practices and wear recommended personal protection. 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

### Occupational exposure limits

| <u>Chemical Component</u> | <u>CAS #</u> | <u>Exposure Limits</u>   |
|---------------------------|--------------|--|
| Proprietary               | Proprietary  | <b>OSHA PEL</b><br>TWA: 15 mg/m <sup>3</sup> (total dust)<br>TWA: 5 mg/m <sup>3</sup> (respirable fraction)<br>TWA (Vacated): 15 mg/m <sup>3</sup> (Total Dust)<br>TWA (Vacated): 5 mg/m <sup>3</sup> (respirable fraction)<br><b>NIOSH IDLH</b><br>TWA: 10 mg/m <sup>3</sup> (total dust)<br>TWA: 5 mg/m <sup>3</sup> (respirable fraction) |
| Proprietary               | Proprietary  | <b>NIOSH IDLH</b><br>TWA: 10 mg/m <sup>3</sup> (total dust)<br>TWA: 5 mg/m <sup>3</sup> (respirable fraction)  |
| Proprietary               | Proprietary  | <b>ACGIH TLV</b><br>STEL: 0.2 mg/m <sup>3</sup> Sn<br>TWA: 0.1 mg/m <sup>3</sup> Sn S*<br><b>OSHA PEL</b><br>TWA: 0.1 mg/m <sup>3</sup> Sn   |

TWA (Vacated): 0.1 mg/m<sup>3</sup> Sn  
 (Vacated): S\*  
**NIOSH IDLH**  
 TWA: 25 mg/m<sup>3</sup> Sn  
 TWA: 0.1 mg/m<sup>3</sup> except Cyhenxatin Sn

**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 workstation 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**

**Body protection** Wear appropriate chemical resistant clothing.

**Hand protection** Wear appropriate chemical resistant gloves.

**Respiratory protection** Use a properly fitted, 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**

|   |  |
|---|--|
| <b><u>Appearance</u></b>                              |  |
| <b>Physical state</b>                                 | Paste  |
| <b>Color</b>  | Blue   |
| <b>Odor</b>   | Odorless   |
| <b>Odor threshold</b>                                 | No data available                                    |
| <b>pH</b>   | No data available                                    |
| <b>Melting point</b>                                  | No data available                                    |
| <b>Boiling point</b>                                  | No data available                                    |
| <b>Flash Point</b>                                    | > 200 °F or (< 93.3 °C)                              |
| <b>Evaporation rate:</b>                              | No data available                                    |
| <b>Flammability (solid, gas)</b>                      | Not applicable- liquid                               |
| <b>Lower &amp; upper explosive (flammable) limits</b> | Lower: No data available<br>Upper: No data available |
| <b>Vapor density</b>                                  | 1.3-1.7  |
| <b>Vapor pressure</b>                                 | No data available                                    |
| <b>Density</b>  | 13.8 lb/gal  |
| <b>Solubility in other solvents</b>                   | No data available                                    |
| <b>Partition coefficient: n- octanol/water</b>        | No data available                                    |
| <b>Auto- ignition temperature</b>                     | No data available                                    |
| <b>Decomposition temperature</b>                      | No data available                                    |
| <b>Kinematic Viscosity</b>                            | 750,000 cps  |
| <b>Explosion Properties</b>                           | Not determined                                       |
| <b>VOC</b>  | 17 g/l. less water and exempt solvents               |

**Section 10. Stability and Reactivity**

|   |  |
|---|--|
| <b>Reactivity</b>                         | Not reactive under normal conditions.  |
| <b>Chemical stability</b>                 | This product is stable under normal storage conditions.  |
| <b>Possibility of hazardous reactions</b> | None under normal processing.  |
| <b>Hazardous Polymerization</b>           | Will not polymerize.   |
| <b>Conditions to avoid:</b>               | Avoid heat, sparks, open flames, and other ignition sources. Avoid contact with incompatible materials.  |
| <b>Incompatible materials</b>             | Strong acids and strong oxidizing agents.  |
| <b>Hazardous decomposition products</b>   | Upon decomposition, this product may yield oxides of nitrogen and ammonia, carbon dioxide, carbon monoxide, and other low molecular weight hydrocarbons. |

**Section 11. Toxicological Information**

|                                  |   |
|----------------------------------|---|
| <b>Likely routes of exposure</b> | Skin contact, eye contact, inhalation, and ingestion. |
| <b>Eye contact</b>               | Avoid eye contact.                                    |
| <b>Inhalation</b>                | Do not inhale.  |
| <b>Skin contact</b>              | May be harmful in contact with skin.                  |
| <b>Ingestion</b>                 | Maybe harmful if swallowed.                           |

| Chemical    | CAS #       | Results  | Species       | Dose                       | Exposure |
|-------------|-------------|--|---------------|----------------------------|----------|
| Proprietary | Proprietary | LD <sub>50</sub> Oral                            | Rat           | 6,450 mg/kg                | N/A      |
| Proprietary | Proprietary | LD <sub>50</sub> Oral                            | Rat           | 3,750 mg/kg<br>> 2 g/kg    | N/A      |
| Proprietary | Proprietary | LD <sub>50</sub> Oral                            | Rat           | 2,413 mg/kg<br>7,460 µl/kg | N/A      |
| Proprietary | Proprietary | LD <sub>50</sub> Oral<br>LD <sub>50</sub> Dermal | Rat<br>Rabbit | 7,340 µl/kg<br>3,360 µl/kg | N/A      |
| Proprietary | Proprietary | LD <sub>50</sub> Oral<br>LD <sub>50</sub> Dermal | Rat<br>Rabbit | 4,600 mg/kg<br>> 5 g/kg    | N/A      |
| Proprietary | Proprietary | LD <sub>50</sub> Oral                            | Rat           | 20,000 mg/kg               | N/A      |
| Proprietary | Proprietary | LD <sub>50</sub> Oral                            | Rat           | > 2,325 mg/kg              | N/A      |
| Proprietary | Proprietary | LC <sub>50</sub> Inhalation                      | Rat           | 500 mg/kg                  | 4 hours  |

**Information on physical, chemical, and toxicological effects**

**Symptoms** Please see section 4 of SDS for symptoms

**Delayed and immediate effects as well as chronic effects from short- and long-term exposure**

|                               |   |
|-------------------------------|---|
| Skin Corrosion/Irritation     | Causes skin irritation  |
| Serious eye Damage/Irritation | Causes serious eye irritation   |
| Respiratory Sensitization     | Not classified  |
| Skin Sensitization            | May cause an allergic skin reaction   |
| Carcinogenicity               | Based on the information provided, this product does not contain any carcinogens or potential carcinogens as listed by OSHA, IARC or NTP. |

**Numerical Measure of Toxicity**

**The following values are calculated based on chapter 3.1 of the GHS document**

|                                      |                |
|--------------------------------------|----------------|
| <b>ATEmix (Oral)</b>                 | 4,086.00 mg/kg |
| <b>ATEmix (Dermal)</b>               | 3,098.00 mg/kg |
| <b>ATEmix (Inhalation-dust/mist)</b> | 5.1 mg/l       |

## Section 12. Ecological Information

### Ecotoxicity

The product is not classified as environmentally hazardous. However, this does not exclude the possibility that large or frequent spills can have a harmful or damaging effect on the environment.

|                                      |                           |
|--------------------------------------|---------------------------|
| <b>Persistence and degradability</b> | No information available. |
| <b>Bioaccumulation</b>               | No information available. |
| <b>Mobility in Soil</b>              | No information available. |
| <b>Other adverse effects</b>         | No information available. |

## Section 13. Disposal Considerations

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

### California Hazardous Waste Status

| Chemical    | CAS #       | California Hazardous Waste Status |
|-------------|-------------|-----------------------------------|
| Proprietary | Proprietary | Toxic                             |

## Section 14. Transportation Information

### DOT/IATA/IMDG

|             |               |
|-------------|---------------|
| <b>DOT</b>  | Not Regulated |
| <b>IATA</b> | Not Regulated |
| <b>IMDG</b> | Not Regulated |

## Section 15. Regulatory Information

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

### Composition/information on ingredients

|                              |   |
|------------------------------|---|
| <b>SARA 312</b>              | Chronic health hazard.  |
| <b>SARA 313</b>              | None of the components are listed.  |
| <b>CERCLA</b>                | None of the components are listed.  |
| <b>CWA (Clean Water Act)</b> | This product does not contain any substances regulated as pollutants pursuant to the Clean Water Act. |

### State regulations

**Other US States' "Right to Know" Lists**  
 New Jersey- Proprietary chemical  
 Massachusetts- Proprietary chemical  
 Pennsylvania- Proprietary chemical

**California Prop 65** This product does not contain any Proposition 65 Chemicals.

## 16. Other Information

**Date of revision:** 11/8/2022  
**Date of previous issue** N/A  
**Revisions:** New product  
**Version** 1  
**Prepared by** C. Rogalski

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