

Safety Data Sheet

Section 1. Identification

GHS product Identifier Blue Barrier™ Gap filler
Other means of identification PG.BB.GF

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

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

Ingredient name	%	CAS Number
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.

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	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.
Eye contact	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.

Note to Physician	Treat symptomatically
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Section 5. Fire-Fighting Measures

Extinguishing media

Suitable extinguishing media Carbon Dioxide, Dry Chemical, Foam or Water Spray.

Unsuitable extinguishing media Not determined

Specific Hazards arising from the Chemical: Products may burn, but do not ignite easily.

Hazardous Combustion Products:

Upon decomposition, this product emits carbon monoxide, carbon dioxide and/or low molecular weight hydrocarbons.

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.

Precautions for Firefighters

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	OSHA PEL TWA: 15 mg/m ³ (total dust) TWA: 5 mg/m ³ (respirable fraction) TWA (Vacated): 15 mg/m ³ (Total Dust) TWA (Vacated): 5 mg/m ³ (respirable fraction) NIOSH IDLH TWA: 10 mg/m ³ (total dust) TWA: 5 mg/m ³ (respirable fraction)
Proprietary	Proprietary	NIOSH IDLH TWA: 10 mg/m ³ (total dust) TWA: 5 mg/m ³ (respirable fraction)
Proprietary	Proprietary	ACGIH TLV STEL: 0.2 mg/m ³ Sn TWA: 0.1 mg/m ³ Sn S* OSHA PEL TWA: 0.1 mg/m ³ Sn

TWA (Vacated): 0.1 mg/m³ Sn
 (Vacated): S*
NIOSH IDLH
 TWA: 25 mg/m³ Sn
 TWA: 0.1 mg/m³ 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

Appearance

Physical state Paste

Color Blue

Odor Odorless

Odor threshold No data available

pH No data available

Melting point No data available

Boiling point No data available

Flash Point > 200 °F or (< 93.3 °C)

Evaporation rate: No data available

Flammability (solid, gas) Not applicable- liquid

Lower & upper explosive (flammable) limits Lower: No data available
Upper: No data available

Vapor density 1.3-1.7

Vapor pressure No data available

Density 13.8 lb/gal

Solubility in other solvents No data available

Partition coefficient: n- octanol/water No data available

Auto- ignition temperature No data available

Decomposition temperature No data available

Kinematic Viscosity 750,000 cps

Explosion Properties Not determined

VOC 17 g/l. less water and exempt solvents

Section 10. Stability and Reactivity

Reactivity	Not reactive under normal conditions.
Chemical stability	This product is stable under normal storage conditions.
Possibility of hazardous reactions	None under normal processing.
Hazardous Polymerization	Will not polymerize.
Conditions to avoid:	Avoid heat, sparks, open flames, and other ignition sources. Avoid contact with incompatible materials.
Incompatible materials	Strong acids and strong oxidizing agents.
Hazardous decomposition products	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

Likely routes of exposure Skin contact, eye contact, inhalation, and ingestion.

Eye contact	Avoid eye contact.
Inhalation	Do not inhale.
Skin contact	May be harmful in contact with skin.
Ingestion	Maybe harmful if swallowed.

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

ATEmix (Oral)	4,086.00 mg/kg
ATEmix (Dermal)	3,098.00 mg/kg
ATEmix (Inhalation-dust/mist)	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.

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.

California Hazardous Waste Status

Chemical	CAS #	California Hazardous Waste Status
Proprietary	Proprietary	Toxic

Section 14. Transportation Information**DOT/IATA/IMDG**

DOT	Not Regulated
IATA	Not Regulated
IMDG	Not Regulated

Section 15. Regulatory Information

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

Composition/information on ingredients

SARA 312	Chronic health hazard.
SARA 313	None of the components are listed.
CERCLA	None of the components are listed.
CWA (Clean Water Act)	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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