Safety Data Sheet

Section 1. Identification

GHS product Identifier Blue Barrier™ Liquid Wrap
Other means of identification PG.BB.LW

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 **Warning**

Hazard statement

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, face and any exposed skin thoroughly after handling. Do not breathe vapors/fume/gas/mist.vapors/spray. Do not eat, drink or smoke while using this product. Wear protective gloves, clothing, eye protection and face protection. Contaminated work clothing must not be allowed out of the workplace.

Response

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 ON SKIN: Wash with plenty of soap and water. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: 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.

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
Limestone	35-40 %	1317-65-3
Calcium Carbonate	1-5 %	471-34-1
Titanium Dioxide	< 1 %	13463-67-7
Quartz	< 1%	14808-60-7

Section 4. First Aid Measures

Description of necessary first aid measures.

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 advice/attention.

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. Take off contaminated clothing and wash before reuse. If skin irritation or rash occurs: Get medical advice/attention.

Ingestion If Swallowed: Clean mouth with water and drink plenty of water afterwards.

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 Physican Treat symptomatically

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 Not determined

Specific Hazards arising from the Chemical: Not determined.

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

Chemical Component	CAS #	Exposure Limits
Limestone	1317-65-3	**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)
Calcium Carbonate	471-34-1	**NIOSH IDLH** TWA: 10 mg/m^3 (total dust) TWA: 5 mg/m^3 (respirable fraction)
Titanium Dioxide	13463-67-7	**ACGIH TLV** TWA: 10 mg/m^3 **OSHA PEL** TWA: 15 mg/m^3 (Vacated) TWA: 10 mg/m^3 total dust

		NIOSH IDLH IDLH 5000 mg/M^3 TWA: 2.4 mg/m^3 CIB 63 fine TWA: 0.3 mg/m^3 CIB ultrafine, including engineered nanoscale
Dibutyltin Diacetyldiacetonate	22673-19-4	**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 0.1 mg/m^3 Sn (Vacated): S* **NIOSH IDLH** TWA: 25 mg/m^3 Sn TWA: 0.1 mg/m^3 except Cyhenxatin Sn
Silica, Quartz	14808-60-7	**ACGIH TLV** TWA: 0.025 mg/m^3 respirable particulate matter **OSHA PEL** TWA: 50 µg/m^3 (vacated) TWA 50 µg/m^3 excludes construction work, agricultural operations, and exposures that result from the processing of sorptive clays (vacated) TWA: 0.1 mg/m^3 respirable dust **NIOSH IDLH** IDLH: 50 mg/m^3 respirable dust TWA: 0.05 mg/m^3 respirable dust
Steric acid	57-11-4	**ACGIH TLV** TWA: 10 mg/m^3 inhalable particulate matter TWA: 3 mg/m^3 respirable particulate matter

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: Splash resistant safety goggles with a face shield.

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 or irritation develops or persists. 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	Greenish
Odor	Odorless
Odor threshold	No data available
pH	No data available
Melting point	No data available
Boiling point	No data available
Flash Point	No data available
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	No data available
Vapor pressure	No data available
Density	11.8 lb/gal
Water Solubility	Slightly soluble
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	Not determined
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:	None known based on information supplied.
Incompatible materials	None known based on information supplied.
Hazardous decomposition products	None known based on information supplied.

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	Do not ingest

Chemical	CAS #	Results	Species	Dose	Exposure
Proprietary	Proprietary	LD_{50} Oral	Rat	3,750 mg/kg > 2 g/kg	
Proprietary	Proprietary	LD_{50} Oral LD_{50} Dermal LC_{50} Inhalation	Rat Rabbit Rat	7,400 mg/kg 2,000 mg/kg > 4.6 mg/l	4 hrs.
Calcium Carbonate	471-34-1	LD_{50} Oral	Rat	6,450 mg/kg	
Titanium Dioxide	13463-67-7	LD_{50} Oral	Rat	>10,000 mg/kg	
Vinyltrimethoxysilane	2768-02-7	LD_{50} Oral LD_{50} Dermal	Rat Rabbit	7,340 µl/kg 3,360 µg/l	
N-(3-(Trimethoxysilyl)propyl) ethanlenediamine	1760-24-3	LD_{50} Oral	Rat	2,413 mg/kg 7,460 µg/l	
Steric Acid	57-11-4	LD_{50} Oral LD_{50} Dermal	Rat Rabbit	4,600 mg/kg > 5 g/kg	

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
Skin Sensitization	May cause an allergic skin reaction
Carcinogenicity	Titanium dioxide is a possible carcinogen when it appears as a respirable dust. Titanium dioxide is listed as a Group 2B carcinogen by IARC.

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.

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- Limestone & Quartz Massachusetts- Limestone & Quartz Pennsylvania- Limestone & Quartz
California Prop 65	This product does not contain any Proposition 65 Chemicals.

16. Other Information

Date of revision:	**11/14/2022**
Date of previous issue	**N/A**
Revisions:	**New product**
Version	**1**
Prepared by	**C. Rogalski**

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