

1. Identification of Substance:

Product Name: GreenFabric
Chemical Family: Water-borne Acrylic Coating
Field of Application: Fabric for Construction Uses

Company Details:
Green Shield Products
Address:
 4008 Louetta Rd. Suite #464
 Spring, TX 77388

Telephone:
 1-877-GRN-SHLD 24-Hr. Emergency Response:
 CHEMTREC (800) 424-9300
 INTERNATIONAL: +1-(703) 527-3887

2. Hazards Identification

GHS Ratings: N/A

GHS Hazards: N/A

GHS Precautions: N/A

Signal Word: N/A

There are no GHS ratings that apply to this product at this time.

This product is classified as an article under the OSHA Hazard Communication Standard 29 CFR 1910.1200(c) Article means a manufactured item other than a fluid or particle: (i) which is formed to a specific shape or design during manufacture; (ii) which has end use function(s) dependent in whole or in part upon its shape or design during end use; and (iii) which under normal conditions of use does not release more than very small quantities, e.g., minute or trace amounts of a hazardous chemical (as determined under paragraph (d) of this section), and does not pose a physical hazard or health risk to employees.

3. Composition/information on ingredients:

Chemical Name	CAS number	Weight Concentration %
Polyester Fabric	N/A	100%

4. First Aid Measures:

Inhalation: None expected.

After Eye Contact: None expected.

After Skin Contact: None expected.

After Swallowing: Consult physician.

Notes to Physician: Treat symptomatically. Not expected to require any special measures.



Energy Efficient Building Product Solutions

4008 Louetta Road, Suite #464 • Spring, TX 77388
 877.GRN.SHLD • www.greenshieldproducts.com



GreenFabric



5. Firefighting measures

Flash Point: N/A

LEL: N/A

UEL: N/A

Upper and Lower Explosive Limits listed if known.

Suitable Extinguishing Agents: Water spray, CO₂, Foam, Dry chemical

Information about Protection against Explosions and Fires: No unusual hazards expected.

Dangerous products of decomposition: Oxides of carbon, oxides of nitrogen, cyanide gas, acrylic monomers.

Protective equipment: Firefighters should wear pressure demand self-contained breathing apparatus and protective clothing.

6. Accidental release measures

Person-Related Safety Precautions: Avoid inhaling dusts.

Measures for Environmental Protection: Collect for proper disposal according to local, state, and federal regulations.

7. Handling and Storage

Information for Safe Handling: Avoid inhaling dusts.

Storage Requirements: Keep away from flames and sources of heat. Material will burn and melt.

8. Exposure Controls and Personal Protection:

Chemical Name / CAS No.	OSHA Exposure Limits	ACGIH Exposure Limits	Other Exposure Limit
Polyester Fabric N/A	Not Established	Not Established	Not Established

Engineering Controls: No specific measures expected.

General Protective and Hygienic Measures: No additional precautionary measures should be expected other than standard personal protective equipment for handling inert articles requiring moderate physical labor.

Personal Protective Equipment:

Respiratory Protection: None expected.

Hand Protection: Protective gloves standard in a normal work environment.

Eye Protection: Safety glasses.

Body Protection: Protective work clothing. Launder separately.



Energy Efficient Building Product Solutions

4008 Louetta Road, Suite #464 • Spring, TX 77388
877.GRN.SHLD • www.greenshieldproducts.com



9. Physical and Chemical Properties:

Appearance: Various colored liquid Vapor Pressure: N/A Vapor Density: N/A Specific Gravity: 1.44 Freezing point: N/A Boiling range: 100 - 3000°C Evaporation rate: N/A Explosive Limits: N/A Autoignition temperature: 371°C	Odor: Mild Odor threshold: N/A pH: N/A Melting point: N/A Solubility: N/A Flash point: 210°F, 99°C Flammability: N/A Partition coefficient (n-octanol/water): N/A Decomposition temperature: N/A
---	---

10. Stability and Reactivity:

Incompatible Materials: Avoid contact with fluorine, strong acids, strong bases, and oxidizing agents.

Hazardous Polymerization: Not expected to occur.

Dangerous Products of Decomposition: Oxides of carbon, oxides of nitrogen, traces of HCN.

11. Toxicological Information:

Mixture Toxicity

Component Toxicity

Toxicity Values Listed if Known

Acute Toxicity:

Eyes: May cause irritation & burns.

Skin: Minor potential for irritation.

Inhalation: Liquid may cause irritation.

Ingestion: Consult physician.

Chronic Effects: Not expected to cause any adverse chronic health effects.

Routes of Entry: Inhalation, ingestion, skin contact, eye contact

Target Organs: Respiratory track, eyes, skin

Chemicals with Known or Possible Carcinogenic Effects:

CAS Number	Description	% Weight	Carcinogen Rating
1317-65-3	Limestone	30 to 40%	Limestone:
13463-67-7	Titanium dioxide	1 to 5%	Titanium dioxide: NIOSH: potential occupational carcinogen IARC: Possible human carcinogen OSHA: listed
14808-60-7	Quartz	0.1 to 1.0%	Quartz: NIOSH: potential occupational carcinogen IARC: Human carcinogen OSHA: listed



Energy Efficient Building Product Solutions

4008 Louetta Road, Suite #464 • Spring, TX 77388
 877.GRN.SHLD • www.greenshieldproducts.com



12. Ecological Information:

General Information: Based on experience, no adverse effects are to be expected if correct disposal procedures have been followed as indicated in section 13. Individual component ecotoxicity listed if known.

Component Ecotoxicity

1,2-Propylene glycol	96 Hr LC50 Oncorhynchus mykiss: 51600 mg/L [static]; 96 Hr LC50 Oncorhynchus mykiss: 41 - 47 mL/L [static]; 96 Hr LC50 Pimephales promelas: 51400 mg/L [static]; 96 Hr LC50 Pimephales promelas: 710 mg/L 48 Hr EC50 Daphnia magna: >1000 mg/L [Static] 96 Hr EC50 Pseudokirchneriella subcapitata: 19000 mg/L
Ammonium hydroxide	96 Hr LC50 Pimephales promelas: 8.2 mg/L 48 Hr EC50 water flea: 0.66 mg/L; 48 Hr EC50 Daphnia pulex: 0.66 mg/L

13. Disposal considerations

Recommendation: Observe local requirements. Dispose of in accordance with local/state/federal regulations.

Empty Container Precautions: Empty containers retain product residue; observe all precautions for product. Do not heat or cut empty container with electric or gas torch because highly toxic vapors and gases are formed. Do not reuse without thorough commercial cleaning and reconditioning. If container is to be disposed, ensure all product residues are removed and container is empty prior to disposal. Contact the Reusable Industrial Packaging Association (RIPA) at 301-577-3786 to find a drum re-conditioner in North America (www.reusablepackaging.org).

14. Transport Information

DOT Regulated Components:

This product is not regarded as dangerous goods according to the national and international regulations on the transport of dangerous goods unless specifically cited below:

<u>Agency</u>	<u>Proper Shipping Name</u>	<u>UN Number</u>	<u>Packing Group</u>	<u>Hazard Class</u>
	None			

15. Regulatory Information:

OSHA HAZARD COMMUNICATION STANDARD: This material is classified as hazardous in accordance with OSHA 29 CFR 1910.1200.

SARA 311/312 Hazard Categories: None

California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute unless otherwise listed:



Energy Efficient Building Product Solutions

4008 Louetta Road, Suite #464 • Spring, TX 77388
877.GRN.SHLD • www.greenshieldproducts.com



WARNING: This product can expose you to chemicals listed below, which are known to the State of California to cause cancer, birth defects, or reproductive harm. For more information, visit www.P65Warnings.ca.gov

Quartz 14808-60-7 0.1 to 1.0 % CARC

Titanium dioxide 13463-67-7 1 to 5 % CARC

Titanium dioxide and Quartz only require Proposition 65 notification when in dust form and particles of respirable size

Massachusetts Right To Know List:

Quartz 14808-60-7 0.1 to 1.0 %

Zinc oxide 1314-13-2 1 to 5 %

Titanium dioxide 13463-67-7 1 to 5 %

Limestone 1317-65-3 30 to 40 %

New Jersey Right To Know List:

Quartz 14808-60-7 0.1 to 1.0 %

1,2-Propylene glycol 57-55-6 1 to 5 %

Zinc oxide 1314-13-2 1 to 5 %

Titanium dioxide 13463-67-7 1 to 5 %

Limestone 1317-65-3 30 to 40 %

Pennsylvania Right To Know List:

Quartz 14808-60-7 0.1 to 1.0 %

1,2-Propylene glycol 57-55-6 1 to 5 %

Zinc oxide 1314-13-2 1 to 5 %

Titanium dioxide 13463-67-7 1 to 5 %

Limestone 1317-65-3 30 to 40 %

SARA 302 Extremely Hazardous Substances:

- None

Chemicals subject to SARA 313 Reporting:

Chlorothalonil 1897-45-6 0.1 to 1.0 % Emissions

Country	Regulation	All Components Listed
Canada	Canada DSL	Yes
US	Toxic Substances Control Act	Yes

16. Other Information:

Safety Data Sheet issued by Product Safety Department

This information is furnished without warranty, expressed or implied, except that it is accurate to the best knowledge of Green Shield Products. The data on these sheets relates only to the specific material designated herein. Green Shield Products. assumes no legal responsibility for use or reliance upon this data. It is the user's responsibility to ensure that their activities comply with federal, state, or local laws

Date revised: 2021-12-11

Reviewer Revision 0

Date Prepared: 11/12/2021



Energy Efficient Building Product Solutions

4008 Louetta Road, Suite #464 • Spring, TX 77388
 877.GRN.SHLD • www.greenshieldproducts.com

