

MATERIAL:

Version: 1.4 Date of Print: 9/20/2022 Date of Revision: 9/20/2022

SECTION 1: PRODUCT IDENTIFICATION AND COMPANY INFORMATION

1.1 Product Identifier

Commercial Product Name: PRO GRID REINFORCEMENT

1.2 Recommended Use of Chemical and Restrictions on Use

Recommended Use: Roofing membrane reinforcement

1.3 Supplier Details

Supplier: Siplast
 Address: 14911 Quorum Drive, Ste 600
 Dallas, TX 75254
 Country: United States of America

1.4 Emergency Contact

Company Phone Number: 800-922-8800 (US Central) M-F 8:00 AM - 5:00 PM
 24-Hour Phone Number: CHEMTREC: 800-424-9300 (Domestic)
 703-527-3887 (International)

SECTION 2: HAZARDS IDENTIFICATION

2.1 GHS Classification

Skin corrosion/irritation (Category 3), H316
 Sensitization, Skin (Category 1), H317

2.2 Label Elements

Pictogram



Signal Word

Warning

Hazard Statement(s)

H316 Causes mild skin irritation
 H317 May cause an allergic skin reaction

Precautionary Statement(s)

P261 Avoid breathing dust/fume/gas/mist/vapors/spray.
 P272 Contaminated work clothing should not be allowed out of the workplace.
 P280 Wear protective gloves/protective clothing/eye protection/face protection.
 P302 + P352 IF ON SKIN: wash with plenty of soap and water.
 P333 + P313 IF SKIN irritation occurs: Get medical advice/attention
 P321 Specific treatment (see ... on this label).
 P363 Wash contaminated clothing before reuse.
 P501 Dispose of contents/container to appropriate landfill services.

2.3 Hazards Not Otherwise Classified (HNOC)

Not applicable.

SECTION 3: COMPOSITION / INFORMATION ON INGREDIENTS**3.1 Substances**

<i>Substrate Information</i>	<i>CAS Number</i>	<i>Weight (%)</i>
Fiberglass Fiber	65887-17-3	20 - 80
Polyester Fiber (optional)	25038-59-9	1 - 5
Fiberglass Veil (optional)	65997-17-3	3 - 15

<i>Coating Information</i>	<i>CAS Number</i>	<i>Weight (%)</i>
Trade Secret	Proprietary	3 - 15
Trade Secret	Proprietary	1 - 5
Formaldehyde	50-00-0	< 0.1
Diethylene Glycol	111-46-6	< 1.0
Vinyl Acetate	0000108-05-4	< 1.0

3.2 Mixtures

Not applicable.

SECTION 4: FIRST AID MEASURES**4.1 Description of First Aid Measures****General Measures:**

No information available.

Eye Contact:

In case of eye contact, immediately flush eyes with large amounts of water for at least 15 minutes, keeping the eyelids open. Do not rub or scratch. Rubbing or scratching may force fibers into the eye. Get medical attention if irritation persists.

Skin Contact:

In case of contact with the product, immediately wash skin with mild soap and plenty of water. Use a washcloth to help remove the fibers. To avoid further irritation, do not rub or scratch irritated areas. Rubbing or scratching may force fibers into the skin. Get medical attention immediately if the irritation persists.

Inhalation:

If inhaled, remove to fresh air. If not breathing, give artificial respiration, preferably mouth-to-mouth. If breathing is difficult, qualified personnel may administer oxygen. Get medical attention.

Ingestion:

Ingestion of the product is unlikely. If swallowed, get medical attention immediately.

4.2 Most Important Symptoms and Effects, Both Acute and Delayed**Symptoms:**

No information available.

4.3 Indication of any Immediate Medical Attention and Special Treatment Needed**Note to physicians:**

Treat symptomatically.

SECTION 5: FIREFIGHTING MEASURES

- 5.1 Extinguishing Media**
Suitable: Dry chemical, Carbon dioxide (CO₂), Water spray, or Foam.
Unsuitable: Not applicable.
- 5.2 Specific Hazards Arising from the Chemical**
 Keep product away from heat and sources of ignition.
- 5.3 Hazardous Thermal Decomposition/Combustion Products**
 Not determined.
- 5.4 Protective Equipment and Precautions for Firefighters**
 As in any fire, wear self-contained breathing apparatus pressure-demand, MSHA/NIOSH (approved or equivalent), and full protective gear.

SECTION 6: ACCIDENTAL RELEASE MEASURES

- 6.1 Personal Precautions, Protective Equipment and Emergency Procedures**
 Avoid contact with skin, eyes, and clothing.
- 6.2 Environmental Precautions**
 No special measures required.
- 6.3 Methods and Material for Containment and Cleaning Up**
 Dispose according to local/state/federal regulations.

SECTION 7: HANDLING AND STORAGE

- 7.1 Precautions for Safe Handling**
- | | |
|---|---|
| General Information | No special protective measures required. |
| Precautions for Safe Handling | Use adequate material handling equipment. |
| Precautions Against Fire and Explosion | No special protective measures required. |
- 7.2 Conditions for Safe Storage, Including any Incompatibilities**
- | | |
|---|----------------------------|
| Conditions for Storage Rooms and Vessels | Keep in a cool, dry place. |
| Incompatible Materials | Not applicable. |

SECTION 8: EXPOSURE CONTROLS / PERSONAL PROTECTION

- 8.1 Appropriate Engineering Controls** Local exhaust; dust collection
- 8.2 Individual Protection Measures (Personal Protective Equipment)**
- | | |
|------------------------------|--|
| Eye/Face Protection: | Avoid eye contact. Wear safety glasses with side shields as necessary. |
| Skin/Body Protection: | Wear protective clothing such as a loose-fitting, long-sleeved shirt that covers to the base of the neck, long pants, and gloves as necessary to prevent irritation. Skin irritation is known to occur primarily at pressure points such as around the neck, wrist, waist, and between the fingers. The use of neoprene gloves is recommended. |

Respiratory Protection:	Not ordinarily required. If sufficient dust or fibers are generated during the use of the product, use a NIOSH approved dust respirator.
General Hygiene:	When using, do not eat, drink, or smoke. Regular cleaning of equipment, work area, and clothing is recommended. Use vacuum equipment to remove fibers and dust from clothing and work areas. Compressed air is not recommended.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

9.1 Basic Physical and Chemical Properties

Physical State:	Solid
Color:	Coated glass fibers of various tints attached to various optional veils.
Odor:	None or slight latex odor.
Odor Threshold:	No information available.

9.2 Property	Values
pH	Not applicable.
Melting Point	485 °F/250 °C (polyester fibers), > 1292 °F/700 °C (glass)
Boiling Point/Range	Not applicable.
Flash Point	Not applicable.
Evaporation Rate	Not applicable.
Flammability (solid, gas)	Not applicable.
Flammability Limits in Air	Not applicable.
Upper	Not applicable.
Lower	Not applicable.
Vapor Pressure	Not applicable.
Vapor Density	Not applicable.
Relative Density	Not applicable.
Specific Gravity	Not applicable.
Water Solubility	Insoluble.
Solubility in Other Solvents	Not applicable.
Partition Coefficient	Not applicable.
Auto-ignition Temperature	Not applicable.
Decomposition Temperature	392 °F/200 °C
Viscosity	Not applicable.
Dynamic Viscosity	Not applicable.
Molecular Weight	Not applicable.
VOC Content (%)	0%
Percent Moisture	Not applicable.

SECTION 10: STABILITY AND REACTIVITY

10.1 Reactivity

No dangerous reaction known under conditions of normal use.

10.2 Chemical Stability

Stable under proper handling and storage conditions.

10.3 Possibility of Hazardous Reactions

Will not occur under proper conditions of use. Rapid heating of the product in bulk may produce an uncontrolled exothermic reaction that may char and decompose the coating, generating unidentified gases and vapors that may be toxic. Avoid inhalation.

10.4 Conditions to Avoid

Avoid getting product wet, storing near open heat, or sources of flames or sparks.

10.5 Incompatible Materials

No incompatible materials.

10.6 Hazardous Decomposition Products

The products of combustion and decomposition depend on other materials present in the fire and the actual conditions of the fire. Burning will decompose the coating and produce oxides of carbon and nitrogen, butadiene, and styrene monomers, and other unidentified gases and vapors that may be toxic. Avoid inhalation.

SECTION 11: TOXICOLOGICAL INFORMATION**11.1 Information on Likely Routes of Exposure**

Eye Contact:	Possible mechanical irritation	
Skin Contact:	Possible sensitization, mechanical irritation, and dermatitis	
Inhalation:	Possible mechanical irritation	
Ingestion:	No information available.	
Median Lethal Dose (Species)	Oral (LD ₅₀):	Not Determined
	Inhalation (LC ₅₀):	Not Determined
	Dermal (LD ₅₀):	Not Determined

11.2 Symptoms Related to Physical, Chemical, and Toxicological Characteristics

No information available.

11.3 Delayed and Immediate Effects and Also Chronic Effects from Short/Long Term Exposure

Sensitization:	No information available.
Germ Cell Mutagenicity:	No information available.
Carcinogenicity:	IARC has classified continuous filament fiberglass as Group 3, not classifiable as to its carcinogenicity to humans.
Reproductive Toxicity:	No information available.
STOT - Single Exposure:	No information available.
STOT - Repeated Exposure:	No information available.
Aspiration Hazard:	No information available.

11.4 Numerical Measures of Toxicity**Acute Toxicity Estimates (ATE) Based on Ch 3.1 of GHS Document**

Oral:	No information available.
Dermal:	No information available.
Inhalation:	No information available.

Unknown Acute Toxicity No information available.

SECTION 12: ECOLOGICAL INFORMATION

<i>Substrate Information</i>	<i>ACGIH TLV</i>	<i>OSHA PEL</i>	<i>NIOSH REL</i>
Fiberglass Fiber (65887-17-3)	5 mg/m ³ (Inhalable)	15 mg/m ³ (Total)	5 mg/m ³ Total Dust
	1 f/cc (Resp.)	5 mg/m ³ (Resp.)	
Polyester Fiber (25038-59-9)	Not Determined	Not Determined	Not Determined
Glassfiber Veil (65997-17-3)	5 mg/m ³ (Inhalable)	15 mg/m ³ (Total)	5 mg/m ³ Total Dust
	1 f/cc (Resp.)	5 mg/m ³ (Resp.)	

<i>Coating Information</i>	<i>ACGIH TLV</i>	<i>OSHA PEL</i>	<i>NIOSH REL</i>
Trade Secret	5 mg/m ³ (Inhalable)	15 mg/m ³ (Total)	5 mg/m ³ Total Dust
Trade Secret	1 f/cc (Resp.)	5 mg/m ³ (Resp.)	Not Determined
Formaldehyde (50-00-0)	0.3 ppm (Ceiling)	0.75 ppm (TWA)	Not Determined
		2 ppm (STEL)	
Diethylene Glycol (111-46-6)	Not Determined	Not Determined	Not Determined
Vinyl Acetate (0000108-05-4)	10.0 ppm (TWA)	10.0 ppm (TWA)	Not Determined
	20.0 ppm (STEL)	20.0 ppm (STEL)	Not Determined

12.1 Ecotoxicity	For the product as a whole, no test data is available
12.2 Persistence and Degradability	Insoluble in water. Biologically not degradable.
12.3 Bioaccumulative Potential	No adverse effects expected.
12.4 Mobility in Soil	Insoluble in water.
12.5 Other Adverse Effects	None known.

SECTION 13: DISPOSAL CONSIDERATIONS**13.1 Waste Treatment Methods**

Disposal of Wastes:	Disposal should be in accordance with applicable regional, national, and local laws and regulations. Incineration preferred in a federal, state, or local approved facility.
Contaminated Packaging:	Do not reuse container.

SECTION 14: TRANSPORT INFORMATION

- 14.1 Department of Transportation**
- UN/NA Number:** Not regulated
- Proper Shipping Name:** No information available.
- Transport Hazard Class:** No information available.
- Packing Group:** No information available.
- 14.2 Other Transportation Regulatory Considerations**
- IATA:** Not regulated.
- IMDG:** Not regulated.
- ADR:** Not regulated.

SECTION 15: REGULATORY INFORMATION

- 15.1 WHMIS Class:** Not Regulated
- 15.2 OSHA Status:** This product is not considered to be hazardous as defined by OSHA 29 CFR Part 1910.1200
- 15.3 TSCA Status:** This product is an article as defined by TSCA and is not required to be listed in the TSCA inventory.
- 15.4 SARA Title III:**
- Section 302/304** Not applicable.
- Section 311** Not applicable.
- Section 313** Not applicable.
- 15.5 CERCLA Section 102(a):** Not applicable.
- 15.6 RCRA Information:** This product is not listed in federal hazardous waste regulations 40 CFR, Part 261.33, paragraphs (e) or (f), i.e. chemical products that are considered hazardous if they become wastes. State or local hazardous waste regulations may also apply if they are different from the federal regulation. It is the responsibility of the user of the product to determine at the time of disposal, whether the product meets relevant waste classification and to assure proper disposal.
- 15.7 California Proposition 65:** Not applicable.

SECTION 16: OTHER INFORMATION

Wherever such words or phrases as "hazardous," "toxic," "carcinogen," etc. appear herein, they are used as defined or described under state employee right-to-know laws, Federal OSHA laws, or the direct sources for these laws such as the International Agency for Research on Cancer (IARC), the National Toxicology Program (CTP), etc. The use of such words or phrases should not be taken to mean that we deem or imply any substance or exposure to be toxic, hazardous or otherwise harmful. Any exposure can only be understood within the entire context of its occurrence, which includes such factors as the substance's characteristics as defined in the SDS, amount and duration of exposures, other chemicals present, and preexisting individual differences in response to the exposure.

The data provided in this SDS is based on the information received from our raw material suppliers and other sources believed to be reliable. We are supplying this data solely in compliance with Federal OSHA Hazard Communication Standard, 29 CFR 1910.1200 and other Federal and state laws as described in Section 15. The information contained in this SDS is proprietary and confidential to Siplast. This SDS and the information in it are not to be used for purposes other than compliance with the Federal OSHA Hazard Communication Standard. If you have received this SDS from any other source than Siplast or its authorized agent, the information contained in it may have been modified from the original document and it may not be the most current revision.