



SECTION 1: Identification

1.1 Product identifier

Product name : Woven Fiberglass Coated with Phenolic Resin
Other means of identification : Gillcore® HF Honeycomb

1.2 Recommended use of the chemical and restrictions on use

Structural material

1.3 Details of the supplier of the safety data sheet

The Gill Corporation
4056 Easy Street
El Monte, CA 91731
(626) 443-4022
www.thegillcorp.com

1.4 Emergency phone number(s)

Emergency number : THE GILL CORPORATION: 1-626-443-4022 CHEMTREC: 1-800-424-9300

SECTION 2: Hazard identification

General hazard statement

The product is non-hazardous as delivered. All components of the product are strongly bound in a solid matrix.

2.1 Classification of the substance or mixture

GHS classification in accordance with: (US) OSHA (29 CFR 1910.1200)
Not a hazardous substance or mixture.

2.2 GHS label elements, including precautionary statements

Not a hazardous substance or mixture.

2.3 Other hazards which do not result in classification

Generation of excessive amounts of dust/fume from cutting, grinding, smelting or exposure to high temperature is hazardous. It may cause eye, skin, respiratory tract irritation due to mechanical action of solid particles and potential exposure to toxic chemicals.

SECTION 3: Composition/information on ingredients

3.1 Substances

Not applicable.

3.2 Mixtures

Component	Concentration
Silane-Finished Glass Cloth (CAS no.: 65997-17-3)	≤55 % (weight)
Cured Phenol Formaldehyde resin (CAS no.: 9003-35-4)	≤40 % (weight)

SECTION 4: First-aid measures

4.1 Description of necessary first-aid measures

General advice : Consult a physician. Show this safety data sheet to the doctor in attendance. Move out of dangerous area.

If inhaled : If breathed in, move person into fresh air. If not breathing, give artificial respiration. Call a poison center or doctor.

In case of skin contact : Wash with water. Call a poison center or doctor if irritation develops or persists.

In case of eye contact : Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Call a poison center or doctor if you feel unwell.

If swallowed : Call a poison center or doctor if you feel unwell. If vomiting occurs naturally, have victim lean forward to reduce the risk of aspiration. Do NOT induce vomiting unless directed to do so by medical personnel. Never give anything by mouth to an unconscious person.

Woven Fiberglass Coated with Phenolic Resin

Safety Data Sheet

according to Federal Register /

Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version: 1, Revision 0: Date of issue: June 27, 2022

4.2 Most important symptoms/effects, acute and delayed

The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

If inhaled	: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.

4.3 Indication of immediate medical attention and special treatment needed, if necessary

No data available.

SECTION 5: Fire-fighting measures

5.1 Suitable extinguishing media

Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

5.2 Specific hazards arising from the chemical

Hazardous decomposition products: Carbon oxides, formaldehyde, phenolic materials.

5.3 Special protective actions for fire-fighters

Wear self-contained breathing apparatus for firefighting if necessary.

Further information

Use water spray to cool unopened containers.

SECTION 6: Accidental release measures

6.1 Personal precautions, protective equipment and emergency procedures

Wear respiratory protection if necessary. Do not breathe dust or mist. Ensure adequate ventilation. For personal protection see section 8.

6.2 Environmental precautions

Do not let product enter drains.

6.3 Methods and materials for containment and cleaning up

Pick up and arrange disposal without creating dust. Keep in suitable, closed containers for disposal.

Reference to other sections

For disposal see section 13.

SECTION 7: Handling and storage

7.1 Precautions for safe handling

Ensure adequate ventilation. Avoid dust formation. Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes and clothing. Avoid ingestion and inhalation.

7.2 Conditions for safe storage, including any incompatibilities

Keep in a dry and well-ventilated place.

Specific end use(s)

Apart from the uses mentioned in section 1 no other specific uses are stipulated.

Woven Fiberglass Coated with Phenolic Resin

Safety Data Sheet

according to Federal Register /

Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version: 1, Revision 0: Date of issue: June 27, 2022

SECTION 8: Exposure controls/personal protection

8.1 Control parameters

The following constituents are the only constituents of the product which have a PEL, TLV or other recommended exposure limit. At this time, the other constituents have no known exposure limits.

Silane-Finished Glass Cloth as Continuous filament glass fibers:

OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak		NIOSH REL Up to 10-hour TWA (ST) STEL (C) Ceiling		ACGIH® TLV® 8-hour TWA (ST) STEL (C) Ceiling		Cal/OSHA PEL 8-hour TWA (ST) STEL (C) Ceiling Peak	
PEL-TWA	15 mg/m ³ or 50 mppcf (total dust), 5 mg/m ³ or 15 mppcf (respirable fraction)	REL-TWA	3 fibers/cm ³ (fibers with diameter ≤ 3.5µm and length ≥ 10µm). TWA 5 mg/m ³ (total)	TLV-TWA	1 fiber/cc; 5 mg/m ³ (inhalable particulate matter)	PEL-TWA	10 mg/m ³ (total dust); 5 mg/m ³ (respirable fraction)

8.2 Appropriate engineering controls

Use ventilation adequate to keep exposures (airborne levels of dust, fume, vapor, gas, etc.) below recommended exposure limits.

8.3 Individual protection measures, such as personal protective equipment (PPE)

Eye/face protection	: Safety goggles are recommended.
Skin protection	: Wear protective gloves.
Body protection	: Wear protective clothing. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.
Respiratory protection	: Where risk assessment shows air-purifying respirators are appropriate use a full-face respirator as a backup to engineering controls. If the respirator is the sole means of protection, use a full-face supplied air respirator. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).
Thermal hazards	: No data available.
Environmental exposure controls	: Do not let product enter drains.

SECTION 9: Physical and chemical properties

Information on basic physical and chemical properties

Appearance/form (physical state, color, etc.)	: Reddish-brown honeycomb-like solid
Odor	: Mild phenolic
Odor threshold	: No data available
pH	: Not applicable
Melting point/freezing point	: No data available
Initial boiling point and boiling range	: Not applicable
Flash point	: Not applicable
Evaporation rate	: Not applicable
Flammability (solid, gas)	: Not flammable
Upper/lower flammability limits	: No data available
Upper/lower explosive limits	: Not applicable
Vapor pressure	: Not applicable
Vapor density	: Not applicable
Relative density	: No data available
Solubility(ies)	: No data available
Partition coefficient: n-octanol/water	: Not applicable
Auto-ignition temperature	: No data available
Decomposition temperature	: No data available

Woven Fiberglass Coated with Phenolic Resin

Safety Data Sheet

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Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version: 1, Revision 0: Date of issue: June 27, 2022

SECTION 9: Physical and chemical properties (cont.)

Information on basic physical and chemical properties

Viscosity	: Not applicable
Explosive properties	: No data available
Oxidizing properties	: No data available
Other safety information	: No data available

SECTION 10: Stability and reactivity

10.1 Reactivity

Not reactive under normal use and storage conditions.

10.2 Chemical stability

Stable under normal storage conditions.

10.3 Possibility of hazardous reactions

No data available.

10.4 Conditions to avoid

Avoid dust generation, avoid exposure to heat and contact with incompatible materials.

10.5 Incompatible materials

Strong alkaline, acids, oxidizing and reducing agents.

10.6 Hazardous decomposition products

Carbon oxides, formaldehyde, phenolic materials.

SECTION 11: Toxicological information

Information on toxicological effects

Acute toxicity	: Likely Routes of Exposure: Eye contact. Skin contact. Inhalation.
If inhaled	: May cause respiratory irritation. Signs/symptoms may include cough, sneezing, nasal discharge, headache, hoarseness, and nose and throat pain.
In case of skin contact	: May cause skin irritation. Signs/symptoms may include localized redness, swelling, and itching.
In case of eye contact	: May cause eye irritation. Signs/symptoms may include redness, swelling, pain, tearing, and blurred or hazy vision.
If swallowed	: May cause gastrointestinal irritation. Signs/symptoms may include abdominal pain, stomach upset, nausea, vomiting and diarrhea.
Acute toxicity	: Based on available data, the classification criteria are not met.
Skin corrosion/irritation	: Based on available data, the classification criteria are not met.
Serious eye damage/irritation	: Based on available data, the classification criteria are not met.
Germ cell mutagenicity	: No data available.
Carcinogenicity	: Only trace amounts of these components are anticipated: FiberGlass (inhalable): NTP: reasonably anticipated to be human carcinogen.
Reproductive toxicity	: No data available.
STOT-single exposure	: No data available.
STOT-repeated exposure	: No data available.
Aspiration hazard	: No data available.
Additional information	: No data available.

Woven Fiberglass Coated with Phenolic Resin

Safety Data Sheet

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Vol. 77, No. 58 / Monday, March 26, 2012 / Rules and Regulations

Version: 1, Revision 0: Date of issue: June 27, 2022

SECTION 12: Ecological information

Toxicity	: No data available on product
Persistence and degradability	: No data available on product
Bioaccumulative potential	: No data available on product
Mobility in soil	: No data available.
Results of PBT and vPvB assessment	: PBT/vPvB assessment not available as chemical safety assessment not required/not conducted
Other adverse effects	: No data available.

SECTION 13: Disposal considerations

Disposal of the product	: Disposal should be in accordance with applicable Federal, State and local laws and regulations. Local regulations may be more stringent than State or Federal requirements.
Disposal of contaminated packaging	: Dispose of as unused product.

SECTION 14: Transport information

DOT (US)	Not dangerous goods
IMDG	Not dangerous goods
IATA	Not dangerous goods

SECTION 15: Regulatory information

15.1 Safety, health and environmental regulations specific for the product in question

SARA 302 Components

No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 311/312 Hazards

No SARA hazards.

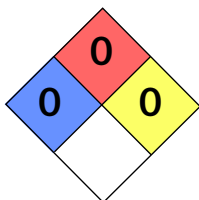
SARA 313 Components

This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

HMIS Rating

Fiberglass Honeycomb Core	
HEALTH	0
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	

NFPA Rating



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SECTION 16: Other information

16.1 Further information/disclaimer

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