1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Alpha Style 2025 9383
Common Name: Glass Fabric
SDS Number: 0859
Revision Date: 4/23/24

Supplier Details: Alpha Engineered Composites LLC.
145 Lehigh Avenue
Lakewood, NJ 08701

Contact: Madeline Lacy
Phone: 732-634-5700
Fax: 732-634-1430
Email: sds@alphainc.com
Internet: www.alphainc.com

2 HAZARDS IDENTIFICATION

Classification of Substance

GHS Classification in Accordance with 29 CFR 1910 (OSHA HCS):

Health, Skin corrosion/irritation, 2
Health, Specific target organ toxicity - Single exposure, 3
Health, Serious Eye Damage/Eye Irritation, 2 B
Health, Respiratory or skin sensitization, 1 Skin

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: WARNING

GHS Hazard Pictograms:

GHS Hazard Statements:

H315 - Causes skin irritation
H335 - May cause respiratory irritation
H320 - Causes eye irritation
H317 - May cause an allergic skin reaction

GHS Precautionary Statements:

P264 - Wash _ thoroughly after handling.

Hazards not Otherwise Classified (HNOC) or not Covered by GHS

Route of Entry: This material may enter the body through inhalation of nuisance dust.
Target Organs: Respiratory system
Inhalation: Sore, raspy throat
Skin Contact: Redness and possible rash; itching
Eye Contact: Itching and redness
Ingestion: N/A

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients

CAS#	%	Chemical Name
65997-17-3		Fibrous Glass

4 FIRST AID MEASURES

Inhalation: Remove person to fresh air. If condition persists, seek medical attention.
Skin Contact: Rinse with copious quantities of cool water. If rash or itching persists, seek medical attention.
Eye Contact: Rinse with water. Do not rub eyes. Seek medical attention.
Ingestion: Not applicable.

5 FIRE FIGHTING MEASURES

Flash Point (Method Used): >250 °C by TOC
Extinguishing media: Dry chemical, foam, carbon dioxide (C02), water fog.
Unsuitable extinguishing media: None known.
Hazardous Decomposition Materials (Under Fire Conditions): Carbon monoxide, carbon dioxide, hydrogen, other undetermined compounds could be released in small quantities.
Special Fire Fighting Procedures: Fiberglass will not support combustion, but in a sustained fire, proper protection against products of combustion from the fuel and sizing/binder must be worn.
Special Protective Equipment for Fire-fighters: Full emergency equipment with self-contained breathing apparatus and full protective clothing should be worn by firefighters. Wear positive pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing (includes helmet, coat, pants, boots, and gloves).

6 ACCIDENTAL RELEASE MEASURES

Personal Precautions, Protective Equipment and Emergency Procedures: No action shall be taken involving any personal risk or without suitable training. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
Cleanup and Disposal of Spill: Sweep or gather up material and place in proper container for disposal or recovery. Use vacuuming or wet sweeping methods instead of dry sweeping.

7 HANDLING AND STORAGE

Handling Precautions: Avoid contact with skin and eyes. Ensure good ventilation/exhaustion at the workplace. Wear suitable protective equipment, see Section 8.

Storage Requirements: Use may be at temperature extremes based on product data, but storage should be at ambient temperature. Store in dry, well ventilated area.

8 EXPOSURE CONTROLS/PERSONAL PROTECTION

Engineering Controls: Ensure adequate ventilation, especially in confined areas. Local exhaust, dust collection. All ventilation should be designed in accordance with OSHA standard (29 CFR 1910.94).

Personal Protective Equipment:

Respiratory Protection: If use or application of this product generates dust, use an appropriate NIOSH-approved particulate filter respirator.
Eye / Face Protection: Standard safety glasses with side shields.
Skin Protection: Use gloves to protect against physical irritation or injury if required by handling conditions. Cover as much of the exposed area as possible, with protective clothing. Vacuum equipment may be used to remove fibers from clothes. Work clothing should be laundered separately form other clothing before reuse.

Control Parameters (Exposure Limits):

	Exposure limits	
Component	OSHA	ACGIH
Glass fiber	15 mg/m^3 TWA (total dust) 5 mg/m^3 TWA (respirable dust)	5 mg/m^3 (inhalable fraction) 1 fiber/cm^3 TWA (respirable fraction)

9 PHYSICAL AND CHEMICAL PROPERTIES

Physical Appearance:	Fiberglass Mat
Physical State:	SOLID
Odor:	ODORLESS
Odor Threshold:	No data available
pH:	No data available
Melting Point:	No data available

Flash Point:	>250 °C by TOC
Evaporation rate:	No data available
Flammability Limits (vol/vol%):	LOWER: No data available UPPER: No data available
Vapor Pressure:	No data available
Vapor Density:	No data available
Specific Gravity:	>2.5
Water Solubility:	No data available
Partition coefficient:	No data available
Auto-ignition Temperature Decomposition	No data available
Viscosity:	No data available

10 STABILITY AND REACTIVITY

Chemical Stability:	Material is stable.
Conditions to Avoid:	None known.
Materials to Avoid:	Strong oxidizing agents.
Hazardous Decomposition:	CO, CO2
Hazardous Polymerization:	Will not occur.

11 TOXICOLOGICAL INFORMATION

Acute toxicological data: There is no acute toxicological data available on this product. The oral, dermal, and inhalation acute toxicity are expected to be very low.
Information in the likely route of exposure & potential acute health effects:
Skin Irritation: Dusts from this product may cause temporary mechanical irritation to the skin.
Eye Irritation: Dusts from this product may cause temporary mechanical irritation to the eyes.
Inhalation: Dusts from this product may cause mechanical irritation of the nose, throat, and respiratory tract. Ingestion: Although ingestion is not likely to occur in industrial applications, accidental ingestion may cause irritation of the mouth and gastrointestinal tract.
Chronic Toxicity: No information available.
Delayed and immediate effects and also chronic effects from short and long-term exposure: There are no known health effects from the long term use or contact, with non-respirable fibers.
Short term exposure: No information available.

12 ECOLOGICAL INFORMATION

Ecotoxicity Effects: No information available
Persistence and degradability: No information available
Bioaccumulative potential: No information available
Mobility in soil: No information available
Results of PBT and vPvB assessment: No information available
Other adverse effects: Fiberglass is generally considered to be an inert solid waste. No special precautions are needed in case of a release or spill.

13 DISPOSAL CONSIDERATIONS

Waste treatment methods: Waste material must be disposed of in accordance with federal, state, provincial, and local environmental control regulations.
Uncleaned packaging: Dispose of in accordance to all local, state, and/or national regislation. Empty containers should be recycled or disposed of through an approved waste management facility.

14 TRANSPORT INFORMATION

Not regulated for transport.

15 REGULATORY INFORMATION

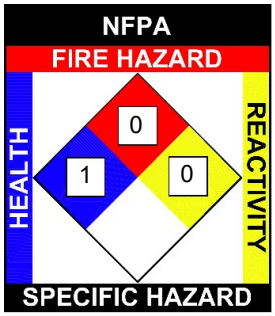
International Chemical Inventories: Continuous filament glass fiber products are articles. Articles are exempted from registration or listing under chemicals inventories.
INTERNATIONAL REGULATIONS:
Canadian (DSL/NDSL): Article (exempt)
Australian (ACIS): Article (exempt)

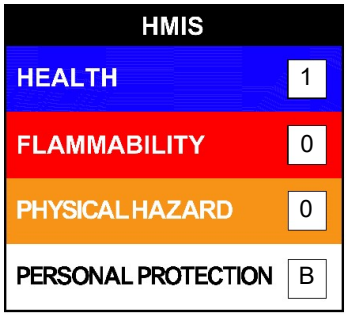
Korea (KECI): Article (exempt)
Japan (ENCS, MITI): Article (exempt)
China (IECSC): Article (exempt)
EU Directive (RoHS 3): Product is in compliance with the European Directive (EU) 2015/863 on Restriction on Hazardous Substances.
EU REACH (240, Updated 01/2024) SVHC: Product is considered compliant with Regulation EC 1907/2006 or Registration, Evaluation, Authorization and restriction of Chemicals (REACH) legislation, including REACH Annex XIV ("Authorisation List") and REACH Annex XVII ("Restricted Substances").
TSCA (Toxic Substances Control Act): All materials are listed or exempt from TSCA listing.
CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act): N/A
SARA TITLE III (Superfund Amendments and Reauthorization Act): N/A
311/312 HAZARD CATEGORIES: None
Conflict Minerals (RMI): This product as formulated does not contain any of the "Conflict Minerals" originating from the Democratic Republic of the Congo or adjoining countries, which include Gold, Colombite-Tantalite (Tantalum), Casserite (Tin), and Wolframite (Tungsten).
Extended Minerals Reporting (RMI): This product as formulated does not contain any of the minerals listed under the list of "Extended Minerals" (Cobalt and Mica) provided by the Responsible Minerals Initiative.
Pilot Minerals Reporting (RMI): This product as formulated does not contain any of the minerals listed under the list of "Pilot Minerals" (Lithium and Nickel) provided by the Responsible Minerals Initiative.
California Proposition 65: This product does not contain chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.
PBTs: On January 6, 2021, the U.S. Environmental Protection Agency (EPA) issued final rules under Section 6(h) of the Toxic Substances Control Act (TSCA) for five persistent, bio accumulative and toxic (PBT) chemicals: 2,4,6-tris(tert-butyl)phenol (2,4,6-TTBP), Decabromodiphenyl ether (decaBDE), Hexachlorobutadiene (HCBD), Pentachlorothiophenol (PCTP), PIP (3: 1) Tris phosphate (isopropylphenyl). This product does not contain any of the bio accumulative and toxic (PBT) chemicals reported under the TSCA Inventory Notification (Active-Inactive).
PFASs and PFOAs: Per- and polyfluoroalkyl substances (PFASs, also perfluorinated alkylated substances are synthetic organofluorine chemical compounds that have multiple fluorine atoms attached to an alkyl chain. This group of chemicals contains thousands of substances. They are persistent in nature and can cause severe health risks including various types of cancer. PFOA and PFOS belong to PFAS sub group of perfluoro surfactants. Perfluorooctanoic acid (PFOA) is a perfluorinated carboxylic acid used as industrial surfactant in chemical processes and as a material feedstock, PFOA molecule contains both hydrophilic, hydrophobic and lipophobic groups. Perfluorooctanesulfonic acid (PFOS) is a fluoro surfactant used earlier in numerous stain repellents. It was added to Annex B of the Stockholm Convention on Persistent Organic Pollutants in May 2009.
POPs: Regulation (EU) 2019/1021 about persistent organic pollutants (POPs) deals with the protection of the human health and the environment against these substances by a preferably early elimination of production or accordingly by the limitation to a minimum regarding manufacturing, placing on the market and usage of these substances. Furthermore, the regulation defines provisions about waste which consist of these substances, in which these substances are contained, or which are contaminated by these substances. Based on the verified information, we announce, to our best knowledge, the aforementioned Alpha products are in compliance with the POPs Regulation and do not contain substances subject to prohibitions listed in Annex I to Regulation (EU) 2019/1021 and amended 2020/784/EU.
Classification according to Regulation (EC) No. 1272/2008 [CLP/GHS] – Not classified. This product is not classified as hazardous according to Regulation (EC) 1272/2008 as amended.

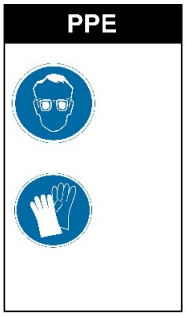
The guidance above is based upon information provided by our raw material suppliers, knowledge of our products and process, and/or outside laboratory testing.

16 OTHER INFORMATION

NFPA: Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a
HMIS III: Health = 1, Fire = 0, Physical Hazard = 0
HMIS PPE: B - Safety Glasses, Gloves







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