

AlphaTex 4259-2-SS

1 PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: AlphaTex 4259-2-SS
Common Name: Silicone Coated Glass Fabric
SDS Number: 1427
Revision Date: 3/3/2025

Supplier Details: Alpha Engineered Composites LLC.
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2 HAZARDS IDENTIFICATION

Classification of Substance

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

Health, Skin corrosion/irritation, 3
 Health, Specific target organ toxicity - Single exposure, 3

GHS Label Elements, Including Precautionary Statements

GHS Signal Word: **WARNING**

GHS Hazard Pictograms:



GHS Hazard Statements:

H316 - Causes mild skin irritation
 H335 - May cause respiratory irritation

GHS Precautionary Statements:

P264 - Wash _ thoroughly after handling.

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

Route of Entry: Potential entry via inhalation of dust from machining or grinding.
Target Organs: Respiratory system
Inhalation: Dust generated during machining or grinding may cause respiratory irritation.
Skin Contact: Dust may cause irritation.
Eye Contact: Dust may cause irritation.
Ingestion: N/A

3 COMPOSITION/INFORMATION ON INGREDIENTS

Chemical Ingredients

CAS#	%	Chemical Name
65997-17-3	69-80%	Fibrous Glass
68037-59-2	20-31%	Compounded silicone coating

4

FIRST AID MEASURES

Inhalation: Remove person to fresh air. If condition persists, seek medical attention.

Skin Contact: Rinse with soap and water. If rash or itching persists, seek medical attention.

Eye Contact: Rinse with water. Seek medical attention if symptoms persist.

Ingestion: N/A

5

FIRE FIGHTING MEASURES

Flash Point: >250 C

Flash Point Method: TOC

Lower Explosive Limit: N/A

Upper Explosive Limit: N/A

Extinguishing Media: Water, carbon dioxide, or dry chemical.

Special Fire Fighting Procedures: Thermal decomposition of fiber coating may produce hazardous gases. Wear self-contained breathing apparatus for firefighting if necessary.

Unusual Fire and Explosion Hazards: None known.

6

ACCIDENTAL RELEASE MEASURES

PERSONAL PRECAUTIONS:

Use personal protective equipment noted in Section 8.

ENVIRONMENTAL PRECAUTIONS:

This material is not biodegradable.

7

HANDLING AND STORAGE

Handling Precautions: Wear suitable protective equipment, see Section 8.

Storage Requirements: Store in a cool, dry place.

8

EXPOSURE CONTROLS/PERSONAL PROTECTION

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

Personal Protective Equipment: HMIS PP, A | Safety Glasses
Safety glasses, cotton gloves, long sleeve clothing

Wash thoroughly with soap and water after handling.

9

PHYSICAL AND CHEMICAL PROPERTIES

Appearance:	Silver coated fabric	Odor:	Characteristic of silicone
Physical State:	Solid	Molecular Formula:	Not applicable
Odor Threshold:	No data available	Solubility:	No data available
Particle Size:	Not applicable	Softening Point:	Not applicable
Specific Gravity or Density:	2.4	Percent Volatile:	Not applicable
Viscosity:	Not applicable	Heat Value:	No data available
Saturated Vapor Concentration:	Not applicable	Freezing or Melting Point:	Not applicable
Boiling Point:	Not applicable	Flash Point:	Not applicable
Flammability:	No data available	Octanol:	Not applicable
Partition Coefficient:	No data available	Vapor Density:	Not applicable
Vapor Pressure:	Not applicable	Volatile organic compound:	No data available
pH:	Not applicable	Bulk Density:	No data available
Evaporation Rate:	Not applicable	Autoignition Temperature:	No data available
Molecular weight:	Not applicable	UFL / LFL:	No data available
Decompression Temperature:	No data available		

10

STABILITY AND REACTIVITY

Reactivity:	Not applicable
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

No information available.

12

ECOLOGICAL INFORMATION

No known hazards.

13

DISPOSAL CONSIDERATIONS

Dispose of in accordance with applicable federal, state, provincial, and local laws and regulations.

14

TRANSPORT INFORMATION

No special requirements.

Per- and Polyfluoroalkyl Substances (PFAS): This product does not contain any PFAS. No PFAS were used in the manufacturing process or are present in the final product.

This product does not contain chemicals known to the State of California to cause cancer, birth defects, or other reproductive harm.

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 2024/232 (RoHS): This product complies with Directive 2011/65/EU (RoHS 2) and its amendment, Directive (EU) 2017/2102. Refer to the latest list of exemptions updated on December 2, 2024 and the Chinese Administration Measure on the Control of Pollution Caused by Electronic Information.

EU REACH SVHC: This product complies with Regulation (EC) No 1907/2006 (REACH). As of January 21, 2025, it does not contain any substances listed on the ECHA Candidate List of Substances of Very High Concern (SVHC).

U.S. Federal Regulations: This product is not classified as hazardous under the OSHA Hazard Communication Standard (29 CFR 1910.1200).

TSCA (Toxic Substances Control Act): This product complies with the U.S. Toxic Substances Control Act (TSCA). It does not contain any of the five PBT chemicals restricted by the EPA as of January 6, 2021.

CERCLA (Comprehensive Emergency Response, Compensation, and Liability Act): N/A

SARA TITLE III (Superfund Amendments and Reauthorization Act): N/A

Section 302 Extremely Hazardous Substances: None

Section 311/312 Hazard Categories: Not applicable

Section 313 Toxic Chemicals: None

Conflict Minerals: 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).

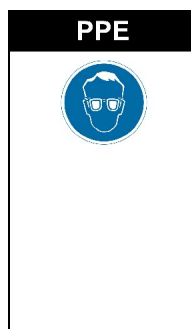
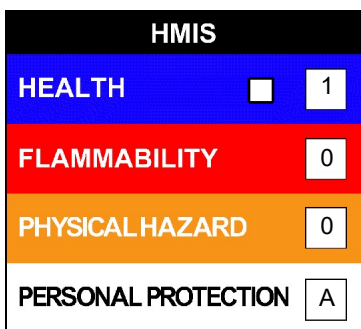
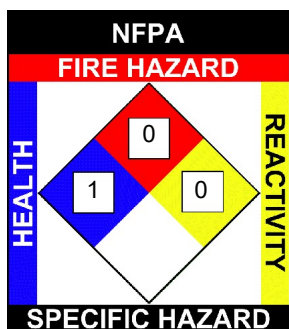
California Proposition 65: This product does not contain chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

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

NFPA:HMIS Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a

III:HMIS Health = 1, Fire = 0, Physical Hazard = 0

PPE: A - Safety Glasses



Disclaimer:

Although reasonable care has been taken in the preparation of this document, we extend no warranties and make no representations as to the accuracy or completeness of the information contained herein, and assume no responsibility regarding the suitability of this information for the user's intended purposes or for the consequences of its use. Each individual should make a determination as to the suitability of the information for their particular purpose(s).

N/A = Not Applicable

NE = Not Established

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