

ZA070-G

### 1 PRODUCT AND COMPANY IDENTIFICATION

**Product Identifier:** ZA070-G  
**Common Name:** Silicone Coated Silica Fabric  
**SDS Number:** 1419  
**Revision Date:** 11/7/2024

**Supplier Details:** Alpha Engineered Composites LLC.  
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Lakewood, NJ 08701

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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
-		Compounded silicone coating
7631-86-9		Silica fabric

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## FIRST AID MEASURES

<b>Inhalation:</b>	Remove person to fresh air. If condition persists, seek medical attention.
<b>Skin Contact:</b>	Wash with soap and water. Seek medical attention if symptoms persist.
<b>Eye Contact:</b>	Rinse with water. Seek medical attention if symptoms persist.
<b>Ingestion:</b>	N/A

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## FIRE FIGHTING MEASURES

**Flash Point (Method Used):** >250 °C by TOC

**Extinguishing media:** Dry chemical, foam, carbon dioxide (CO<sub>2</sub>), 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).

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## 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.

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## 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.

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## 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 from other clothing before reuse

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## PHYSICAL AND CHEMICAL PROPERTIES

<b>Appearance:</b>	Silver silicone coated fabric	<b>Odor:</b>	No data available
<b>Physical State:</b>	Solid	<b>Molecular Formula:</b>	Not applicable
<b>Odor Threshold:</b>	No data available	<b>Solubility:</b>	No data available
<b>Particle Size:</b>	Not applicable	<b>Softening Point:</b>	Not applicable
<b>Specific Gravity or Density:</b>	1.41	<b>Percent Volatile:</b>	No data available
<b>Viscosity:</b>	No data available	<b>Heat Value:</b>	No data available
<b>Saturated Vapor Concentration:</b>	Not applicable	<b>Freezing or Melting Point:</b>	No data available
<b>Boiling Point:</b>	No data available	<b>Flash Point:</b>	No data available
<b>Flammability:</b>	No data available	<b>Octanol:</b>	Not applicable
<b>Partition Coefficient:</b>	No data available	<b>Vapor Density:</b>	No data available
<b>Vapor Pressure:</b>	No data available	<b>Volatile organic compound:</b>	No data available
<b>pH:</b>	Not applicable	<b>Bulk Density:</b>	No data available
<b>Evaporation Rate:</b>	No data available	<b>Autoignition Temperature:</b>	No data available
<b>Molecular weight:</b>	No data available	<b>UFL / LFL:</b>	No data available
<b>Decompression Temperature:</b>	No data available		

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## STABILITY AND REACTIVITY

<b>Reactivity:</b>	No data available
<b>Chemical Stability:</b>	Material is stable.
<b>Conditions to Avoid:</b>	NE
<b>Materials to Avoid:</b>	Strong oxidizing agents.
<b>Hazardous Decomposition:</b>	Carbon monoxide; carbon dioxide
<b>Hazardous Polymerization:</b>	Will Not Occur.

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## 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.

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## 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.

**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 legislation. Empty containers should be recycled or disposed of through an approved waste management facility.

Not regulated for transport.

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

**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 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.

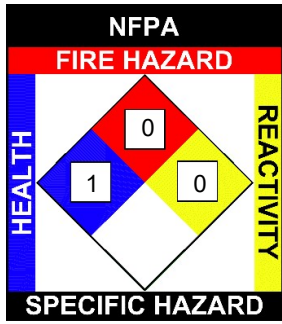
**California Proposition 65:** This product does not contain chemicals known to the state of California to cause cancer, birth defects, or other reproductive harm.

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

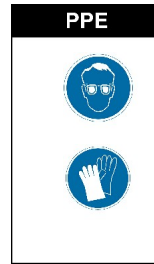
**NFPA:HMIS** Health = 1, Fire = 0, Reactivity = 0, Specific Hazard = n/a

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

**PPE:** B - Safety Glasses, Gloves



HMIS	
HEALTH	1
FLAMMABILITY	0
PHYSICAL HAZARD	0
PERSONAL PROTECTION	B



**Disclaimer:**

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