

Safety Data Sheet
Fiberglass Fabric

Section 1. Product and Company Identification

Product Name: Fiberglass Fabric
Supplier: NRI 3875 Fiscal Court, Ste #100 Riviera Beach, FL 33404 (561) 683-6992
Emergency Phone Number: 800-535-5053
Product Description: Woven/Knitted Glass Fiber product
Product Use: Fiberglass tape
Chemical Name or Synonym: N/A

Section 2. Hazards Identification

Classification of the substance or mixture

Skin corrosion/irritation – Category 2
 Serious eye damage/eye irritation – Category 2B
 Skin sensitization - Category 1



Hazard Statements:

H315 Causes skin irritation.
 H320 Causes eye irritation.

Signal Word: Warning

Precautionary Statement:

P261 Avoid breathing dust
 P280 Wear protective gloves
 P305+P351+P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.

Section 3. Composition/ Information on Ingredients

Component	CAS#	%Composition
Fibrous glass (E-type, continuous filament)	65997-17-3	>91
Surface sizing	Not assigned	<2
Textured polyester filament yarn	Not assigned	<7

Section 4. First Aid Measures

First Aid Measures for Accidental:



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Ingestion: Gently wipe or rinse the inside of the mouth with water. Sips of water can be given. Never give anything by mouth to an unconscious person. Contact a poison control center, emergency room, or physician for treatment information.

Inhalation: Move to fresh air area. If symptomatic, contact a poison control center or emergency room for treatment information.

Skin Contact: Run a gentle stream of water over the affected areas for 15 minutes. A mild soap may be used if available. If irritation persists, contact a poison control center, emergency room, or physician as further treatment may be necessary. If glass fiber becomes embedded, seek medical attention.

Eye Contact: Remove contact lens and pour a gentle stream of warm water through the affected area for 15 minutes. If irritation persists, contact a poison control center, emergency room, or physician as further treatment may be necessary.

Most important symptoms/effects, acute and delayed:

Inhalation: Breathing of fibers or dust may cause mechanical irritation of the mouth, nose, and throat.

Skin contact: Causes skin irritation. May cause an allergic skin

Eye contact: Causes eye irritation.

Ingestion: Not likely to occur through normal use.

Indication of any immediate medical attention and special treatment needed: No data available.

Section 5. Fire Fighting Measures

Extinguishing Media: Use an extinguishing agent suitable for the surrounding fire.

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. Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

Unusual Fire and Explosion Hazards: None

Hazardous Decomposition Materials (Under Fire Conditions): Fiberglass will not burn but smoking of the product may occur at approximately 400-500 °F due to decomposition of the surface binder. Surface binders may decompose in a fire situation and release carbon monoxide and carbon dioxide.

Section 6. Accidental Release Measures

Personal Precautions, Protective Equipment and Emergency Procedures: No action shall be taken involving any personal risk or without suitable training. Provide adequate ventilation. 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.

Section 7. Handling and Storage

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Precautions for Safe Handling: No special procedures are necessary when handling this product.

Conditions for Safe Storage: Store at or below 25 °C (77 °F) and relative humidity less than 65% for optimum performance. Material is not an electrical conductor and may accumulate static charge.

Section 8. Exposure Controls / Personal Protection

Exposure Guidelines:

Component	Exposure limits		
	ACGIH	NIOSH	OSHA-PELs
Fibrous glass	5 mg/m ³ TWA (inhalable) 1 fiber/cm ³ TWA (respirable)	ND	15 mg/m ³ TWA (total dust) 5 mg/m ³ (respirable dust)

Appropriate Engineering Controls: Normal area ventilation is sufficient in most cases to keep dust and fiber levels below the exposure limits.

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: Wear clean, body-covering clothing. Good personal hygiene and the use of barrier creams, caps, protective gloves, cotton coveralls or long sleeved loose fitting clothing with maximize comfort. Vacuum equipment may be used to remove fibers from clothes. Work clothing should be laundered separately from other clothing before reuse.

Section 9. Physical and Chemical Properties

Physical Appearance:	White		
Odor:	None		
Odor Threshold:	Not available		
pH:	Not available		
Flash Point:	Not available		
Method Used:	Not available		
Flammability Limits (vol/vol%):	Lower:	N/A	Upper: N/A
Melting Point Range:	~ 1400 °F		
Boiling point:	Not available		
Evaporation Rate:	Not available		
Specific Gravity:	2.6 – 2.7 (bare glass)		
Viscosity:	Not available		
Water Solubility:	Insoluble		
Vapor Pressure:	Not available		
Vapor Density:	Not available		
Relative Density:	Not available		
Partition coefficient (n-octanol/water):	Not available		
Auto-ignition Temperature:	Not available		



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Decomposition Temperature: N/A
VOC %: None

Section 10. Stability and Reactivity

Reactivity: No specific test data related to reactivity available for this product or its ingredients.

Hazardous Polymerization: Will not occur

Chemical Stability: Stable under standard use and storage conditions. Possibility of the release of small amounts of acetic acid and other organic materials at elevated temperatures.

Conditions to Avoid: None known

Incompatible Materials / Chemicals: None known

Hazardous Decomposition Products: Fiberglass will not burn but smoking of the product may occur at approximately 400-500 °F (2000-260 °C) due to decomposition of the surface binder. Surface binders may decompose in a fire situation and release carbon monoxide, carbon dioxide, and water. Additionally, there are many chemicals that can evolve during any partial decomposition of chemical products. The amounts or identities cannot be predicted and can differ in each situation.

Section 11. Toxicological Information

Numerical measures of toxicity: No specific data

Potential Acute Health Effects:

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.

Skin Irritation: Dusts from this product may cause temporary mechanical irritation to the skin.

Ingestion: Although ingestion is not likely to occur in industrial applications, accidental ingestion may cause irritation of the mouth and gastrointestinal tract.

Symptoms related to the physical, chemical and toxicological characteristics: No data available

Eye contact: No specific data

Inhalation: No specific data

Skin contact: Symptoms may include irritation, redness, itching.

Ingestion: No specific data

Chronic Health Effects: There are no known health effects from the long term use or contact, with nonrespirable continuous filament fibers. Fibers of this diameter cannot penetrate the narrow, bending passages of the human respiratory tract to reach the lower regions of the lung and thus, have no possibility of causing serious pulmonary damage. Instead, they deposit on the surface of the upper respiratory tract, nose, or pharynx. Chopped, crushed, or severely mechanically processed fiber glass may contain a very small amount of respirable fibers that could reach the deep lung. The measured airborne concentration of these respirable fibers in areas where severe processing of fiberglass occurred has been shown to be extremely low and well below the TLV. Repeated or prolonged exposure to respirable glass fibers may cause fibrosis, lung cancer and mesothelioma.

Carcinogenicity: This product is NOT listed as a carcinogen or suspected carcinogen by NTP, IARC, or OSHA.

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Delayed and immediate effects and also chronic effects from short and long term exposure:

Short term exposure: No specific data.

Long term exposure: No specific data

Section 12. Ecological Information

Ecotoxicity: No specific data

Persistence and degradability: No specific data

Bioaccumulative potential:

Mobility in soil: No available

Other adverse effects: Fiberglass is generally considered to be an inert solid waste. No known significant effects or critical hazard

Section 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 container and unused contents in accordance with federal, state, and local regulations. Empty containers should be recycled or disposed of through an approved waste management facility.

Section 14. Transport Information

DOT/TDG/IMDG/IATA

UN-Number: Not regulated

Proper Shipping Name: Not Applicable

Packing Group: Not Applicable

Environmental hazard: No

Special precautions for user: Transport within user's premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.

Section 15. Regulatory Information

USA TSCA: This product is considered an article and is exempt from TSCA requirements.

EUROPE EINECS: This product is considered an article and is exempt from EINECS requirements.

CANADA DOMESTIC SUBSTANCES LIST (DSL): This product is considered an article and is exempt from DSL requirements.

AUSTRALIA AICS: This product is considered an article and is exempt from the Australian Inventory of Chemical Substances (AICS).

KOREA ECL: This product is considered an article and is exempt from the Korean Existing Chemicals Inventory, KECl, requirements.

JAPAN MITI (ENCS): This product is considered an article and is exempt from the Japanese Existing and New Chemical Substances (ENCS) requirements.



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PHILIPPINES PICCS: This product is considered an article and is exempt from the Philippines Inventory of Chemicals and Chemical Substances.

CHINA IECSC: All components of this product are listed on the Inventory of Existing Chemical Substances in China (IECSC) or otherwise exempt.

SARA TITLE III:

SARA (311,312) Hazard Class: NA

SARA (313) Chemicals: Not listed

SARA Extremely Hazardous Substance: Not listed

CERCLA Hazardous Substance: Not listed

CANADA REGULATIONS (WHMIS): NA

Section 16. Other Information

Key Legend Information:

N/A – Not Applicable

ND – Not Determined

ACGIH – American Conference of Governmental Industrial Hygienists

OSHA – Occupational Safety and Health Administration

PEL – Permissible Exposure Limit

NIOSH – National Institute for Occupational Safety and Health

The information contained herein is based on the data available to us and is believed to be accurate. The data is offered in good faith as typical values and not as product specification. The information in this data sheet was compiled from information supplied by the vendors of the components of this compound. NRI makes no warranty either expressed or implied regarding the accuracy of these data or the results to be obtained from the use thereof. The recommended industrial hygiene and safe handling procedures are believed to be genuinely applicable. However, each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate. NRI assumes no responsibility for injury from the use of the product described herein. The information is intended only to assist in the safe handling of this material.

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