



Carolina Narrow Fabric Company

SAFETY DATA SHEET

NAME OF PRODUCT: Fiberglass/Polyester Fabric

FILE NO.:
SDS DATE: 06/01/2015

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Fiber Glass/ Polyester fabric
SYNONYMS:
PRODUCT CODES:

MANUFACTURER: Carolina Narrow Fabric Company
DIVISION:
ADDRESS: 1100 Patterson Ave, Winston Salem, NC 27001

EMERGENCY PHONE: 336 631 3000 Monday – Friday 8 am-5pm
CHEMTREC PHONE:
OTHER CALLS:
FAX PHONE: 336 631 3060

CHEMICAL NAME: Fiberglass/ Polyethyleneterephthalate with fiber finish
CHEMICAL FORMULA:

PRODUCT USE: Electrical / Thermal Insulation
PREPARED BY: Carolina Narrow Fabric Company

SECTION 1 NOTES:

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: Fiberglass may cause irritation to the skin, eyes and upper respiratory tract.

ROUTES OF ENTRY: Respiratory, Skin, Eyes, Ingestion

POTENTIAL HEALTH EFFECTS

EYES: An inert solid. Dust/filaments may cause temporary irritation.

SKIN: Dust/filaments may cause temporary irritation.

INHALATION: May irritate the upper respiratory tract if particles are airborne

INGESTION: Material is an inert solid and should pass through the digestive tract. May cause irritation to the mouth, throat and gastrointestinal tract

ACUTE HEALTH HAZARDS: None known

CHRONIC HEALTH HAZARDS: None known

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Pre existing conditions involving the areas listed above may be aggravated by over exposure to this product

CARCINOGENICITY : Not classified as carcinogenic

OSHA: ACGIH: NTP: IARC:

SECTION 2 NOTES:

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

INGREDIENT: Fiberglass with textile sizing and Polyester fiber with finish

CAS NO.	% WT	% VOL	SARA 313 REPORTABLE
Fiberglass 65997-17-3	75 maximum		None found
Textile sizing	1-3		
Polyethylene Terephthalate- 25038-59-9	40 maximum		



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SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)

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Fiber Finish		2 -5	
	<u>ppm</u>		<u>mg/m3</u>
OSHA PEL-TWA: Total dust			15
Respirable	N/A		5
OSHA PEL STEL :			
ACGIH TLV-TWA:	N/A		
ACGIH TLV STEL:			

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: Flush with running water keeping eyelids open. Seek medical attention if irritation persists.

SKIN: Flush with ample cool water, wash with mild soap. If fibers are embedded seek medical attention.

INGESTION: Rinse mouth with water. Do not induce vomiting.

INHALATION: Remove to fresh air if distress persists get medical assistance.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR, UPPER: Polyester melts at 500°F, Will ignite when exposed to flame/fiberglass will not burn
(% BY VOLUME) **LOWER:** NA

FLASH POINT: N/A polyester will burn in a fire

AUTOIGNITION TEMPERATURE:

F: 350 for polyester

C: 177 for polyester

NFPA HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 1 FLAMMABILITY: 1 REACTIVITY: 0

PROTECTION:

EXTINGUISHING MEDIA: Water, All purpose dry chemical (ABC), CO₂, foam

SPECIAL FIRE FIGHTING PROCEDURES: Full protective clothing and NIOSH approved self contained breathing apparatus.

UNUSUAL FIRE AND EXPLOSION HAZARDS: Accumulation of fiber dust and fly at sufficient concentrations could present a fire hazard. Keep away from ignition sources including static electricity.

HAZARDOUS DECOMPOSITION PRODUCTS: During combustion irritating and toxic gases may be generated.

SECTION 5 NOTES:



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SECTION 6: ACCIDENTAL RELEASE MEASURES

ACCIDENTAL RELEASE MEASURES: No special procedures are required to clean up a spill

SECTION 6 NOTES:

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

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Storage areas should be cool, dry and well ventilated. Good warehouse and production handling practices should be followed to limit the amount of dust. Avoid sources of ignition.

OTHER PRECAUTIONS: Avoid open flames, spark sources and control static electricity.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Atmospheric monitoring may be required to determine the effectiveness of the ventilation or the necessity of respiratory protective equipment. Use sufficient ventilation to remove dust or vapors generated.

VENTILATION : Good general ventilation should be sufficient to control worker exposure to airborne contaminants.

RESPIRATORY PROTECTION: If dust generation exceeds 15 mg/m³ a NIOSH approved dust mask is recommended.

EYE PROTECTION: Safety glasses with side shields.

SKIN PROTECTION: Practice good personal hygiene and wash after handling.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: Use gloves to protect against irritation if required by handling conditions.

WORK HYGIENIC PRACTICES: Good personal hygiene should be practiced to minimize problems.

EXPOSURE GUIDELINES: Total dust exposure 15 mg/m³; Respirable 5 mg/m³

SECTION 8 NOTES: The polyester fibers used in this fabric are coated with minor quantities of finish oils. Particles from this finish should not exceed a concentration of 5mg/m³ for mineral oil.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: White or dyed various colors

ODOR: no distinctive odor

PHYSICAL STATE: solid

pH AS SUPPLIED: N/A

pH (Other):

BOILING POINT: N/A

MELTING POINT:

F: 500 – Polyester

C: >800 Fiberglass

FREEZING POINT: N/A

VAPOR PRESSURE (mmHg): Not available

VAPOR DENSITY (AIR = 1): Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)



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SPECIFIC GRAVITY (H₂O = 1): 1.3 – 1.4 - polyester
: 2.4 -2.7 – Fiberglass

EVAPORATION RATE: Not available

BASIS (=1): ASIS (=1):

SOLUBILITY IN WATER: Negligible

PERCENT SOLIDS BY WEIGHT: > 95

PERCENT VOLATILE:
BY WT/ <5
F: >400

VOLATILE ORGANIC COMPOUNDS (VOC): N/A

MOLECULAR WEIGHT: Not available

VISCOSITY: N/A

SECTION 9 NOTES:

SECTION 10: STABILITY AND REACTIVITY

STABLE

STABILITY: The product is stable

CONDITIONS TO AVOID (STABILITY): Temperatures above 350°F will cause decomposition in the presence of O₂.

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid contact with strong oxidizing agents , bases or acids and temperatures above 440°F.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None under normal storage conditions. Oxides of carbon and nitrogen and other compounds from the incomplete combustion of an organic polymeric compound.

HAZARDOUS POLYMERIZATION: Under normal conditions of storage and use hazardous reactions will not occur

CONDITIONS TO AVOID (POLYMERIZATION): None known

SECTION 10 NOTES:

SECTION 11: TOXICOLOGICAL INFORMATION

TOXICOLOGICAL INFORMATION: This product is not toxic

Oral LC50	N/A
Dermal LC50	N/A
Inhalation LC50	N/A

SECTION 11 NOTES:

SECTION 12: ECOLOGICAL INFORMATION



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ECOLOGICAL INFORMATION: The fabric is not ecologically hazardous.

SECTION 12 NOTES:

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: Dispose of in accordance with local, state and Federal laws and regulations

RCRA HAZARD CLASS: Not classified as a hazardous waste

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION

PROPER SHIPPING NAME: Fiberglass/Polyester Fabric

HAZARD CLASS: non hazard

ID NUMBER:

PACKING GROUP:

LABEL STATEMENT:

WATER TRANSPORTATION

PROPER SHIPPING NAME: Fiberglass/Polyester Fabric

HAZARD CLASS: non hazard

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

AIR TRANSPORTATION

PROPER SHIPPING NAME: Fiberglass/Polyester Fabric

HAZARD CLASS: non hazard

ID NUMBER:

PACKING GROUP:

LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES: Not regulated by DOT

SECTION 15: REGULATORY INFORMATION



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U.S. FEDERAL REGULATIONS

TSCA (TOXIC SUBSTANCE CONTROL ACT): All components are listed or exempted

CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not reportable

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

311/312 HAZARD CATEGORIES: None

313 REPORTABLE INGREDIENTS:None

STATE REGULATIONS: Not regulated

INTERNATIONAL REGULATIONS: Not regulated

SECTION 15 NOTES: This product does not contain any toxic components.

SECTION 16: OTHER INFORMATION

OTHER INFORMATION: Original document

Revision 0

PREPARATION INFORMATION:

DISCLAIMER: The information contained in this data sheet is based on present scientific and technical knowledge . The purpose of this information is to demonstrate the health and safety aspects concerning these products supplied by CNF and to recommend precautionary measures for the storage and handling of these products. No warranty or guarantee is given in respect of the properties of these products. No liability can be accepted for any failure to observe the precautionary measures described in this data sheet or for any misuse of the products.