



Carolina Narrow Fabric Company

SAFETY DATA SHEET

NAME OF PRODUCT: Nylon Fabric

FILE NO.:
SDS DATE: 03 /27 / 2018

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Nylon fabric
SYNONYMS: Polyamide, Nylon 6
PRODUCT CODES:

MANUFACTURER: Carolina Narrow Fabric Company
DIVISION:
ADDRESS: 1100 Patterson Ave, Winston Salem, NC 27101

EMERGENCY PHONE: 336 631 3000
CHEMTREC PHONE:
OTHER CALLS:
FAX PHONE: 336 631 3060

CHEMICAL NAME: Polyamide
CHEMICAL FORMULA: $H[-NH(CH_2)_5CO-]_nOH$

PRODUCT USE: Abrasion protective sleeves
PREPARED BY: Carolina Narrow Fabric Company

SECTION 1 NOTES:

SECTION 2: HAZARDS IDENTIFICATION

EMERGENCY OVERVIEW: This is not a hazard under normal use

ROUTES OF ENTRY: Skin, Eyes

POTENTIAL HEALTH EFFECTS

ACUTE EFFECTS

EYES: Health injuries not expected. Possible mechanical irritation from dust or powder.

SKIN: Health injuries not expected. Possible mechanical irritation.

CHRONIC HEALTH HAZARDS: Ongoing exposure may aggravate acute effects

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE: Ongoing exposure may aggravate acute effects

CARCINOGENICITY : Not classified as carcinogenic

OSHA: ACGIH: NTP: IARC:

SECTION 2 NOTES: This product is not classified as carcinogenic

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS

<u>INGREDIEN</u>	<u>CAS NO.</u>	<u>% WT</u>	<u>% VOL</u>	<u>SARA 313 REPORTABLE</u>
Polyamide, Nylon 6	25038-54-4	90 – 99%		
Water	7732-18-5	3 – 4.5%		
Carbon Black	1333-86-4	0 – 1.7%		
Fiber Lubricants	Mixture	0 – 4%		
Titanium Dioxide	13463-67-7	0 – 1.5%		

SECTION 3: COMPOSITION/INFORMATION ON INGREDIENTS (continued)



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This fiber may have been produced with carbon black and/or titanium oxide. These compounds, as present in this material are not water soluble and are encapsulated in the polymer. They are not extracted or released in normal processing and handling. Therefore these compounds are not expected to present a hazard in normal handling, processing, use and disposal.

SECTION 3 NOTES:

SECTION 4: FIRST AID MEASURES

EYES: First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. In case of contact, flush eyes with plenty of water. If irritation persists get medical advice/attention.

SKIN: First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. In case of contact, flush skin with plenty of water. If irritation persists get medical advice/attention.

INGESTION: First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. Get medical advice/attention if you feel unwell.

INHALATION: First aid is not expected to be necessary if material is used under ordinary conditions and as recommended. If breathing is difficult, remove victim to fresh air and keep at rest in a position comfortable for breathing. Get medical advice/attention if you feel unwell.

NOTES TO PHYSICIANS OR FIRST AID PROVIDERS: Treat symptomatically.

SECTION 4 NOTES:

SECTION 5: FIRE-FIGHTING MEASURES

FLAMMABLE LIMITS IN AIR: Dusts at sufficient concentrations can form explosive mixtures with air. Nylon fabric is inherently flame resistant, but can be ignited. Burning usually stops when the ignition source is removed. Self extinguishing. Melts forming beads.

FLASH POINT: Not applicable

METHOD USED:

AUTOIGNITION TEMPERATURE: Not applicable

NFPA HAZARD CLASSIFICATION

HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0
OTHER:

HMIS HAZARD CLASSIFICATION

HEALTH: 0 FLAMMABILITY: 1 REACTIVITY: 0
PROTECTION:

EXTINGUISHING MEDIA: Dry chemical, CO2, water spray or regular 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. Fabric is not biodegradable.

SECTION 6 NOTES:
Dispose of in accordance with local, state and federal regulations.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Keep away from heat, flame and strong oxidizing agents. Store in a cool place in original container and protect from sunlight.

OTHER PRECAUTIONS: Hygiene – Wash hands before eating, drinking or smoking.

SECTION 7 NOTES:

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

ENGINEERING CONTROLS: Use recommended safe handling practices to minimize unnecessary exposure.

VENTILATION : Good general ventilation should be sufficient for storage and ordinary handling.

RESPIRATORY PROTECTION: Not normally required.

EYE PROTECTION: Safety glasses with side shields.

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

OTHER PROTECTIVE CLOTHING OR EQUIPMENT: None normally required.

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

SECTION 8 NOTES:

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE: Typically black in color. May vary.

ODOR: no distinctive odor, characteristic waxy

PHYSICAL STATE: Woven, knitted fabric



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NAME OF PRODUCT: Nylon Fabric
pH AS SUPPLIED: N/A
pH (Other):
BOILING POINT: N/A

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MELTING POINT: 220 - 250° C

FREEZING POINT: N/A

VAPOR PRESSURE (mmHg): Not available

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES (continued)

VAPOR DENSITY (AIR = 1): Not available

SPECIFIC GRAVITY (H₂O = 1): 1.12 – 1.15

EVAPORATION RATE: Not available

SOLUBILITY IN WATER: insoluble

PERCENT SOLIDS BY WEIGHT: >90

PERCENT VOLATILE:
BY WT/ N/A

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 under normal conditions

CONDITIONS TO AVOID (STABILITY): In compatible materials

INCOMPATIBILITY (MATERIAL TO AVOID): Avoid contact with strong oxidizing agents, acids, flammable materials.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: None under normal storage conditions. Combustion or high heat may produce thermal decomposition products that include carbon monoxide, carbon dioxide, dense smoke or other toxic vapors.

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



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NAME OF PRODUCT: Nylon Fabric
TOXICOLOGICAL INFORMATION: This product is not toxic
Oral LC50 N/A
Dermal LC50 N/A
Inhalation LC50 N/A

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SECTION 11 NOTES: This product is not carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

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

Not specifically listed by EPA as a hazardous waste (40 CFR, Part 261D) nor is it formulated to contain materials which are listed as hazardous waste. It does not exhibit the hazardous characteristics of ignitability, corrosivity or reactivity and is not formulated with contaminants as determined by the Toxicity Characteristic Leaching Procedure (TCLP)

SECTION 13 NOTES:

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION
PROPER SHIPPING NAME: Nylon fabric
HAZARD CLASS: non hazard
ID NUMBER:
PACKING GROUP:
LABEL STATEMENT:

WATER TRANSPORTATION
PROPER SHIPPING NAME: Nylon fabric
HAZARD CLASS: non hazard
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

AIR TRANSPORTATION
PROPER SHIPPING NAME: Nylon fabric
HAZARD CLASS: non hazard
ID NUMBER:
PACKING GROUP:
LABEL STATEMENTS:

OTHER AGENCIES:

SECTION 14 NOTES: Not regulated by DOT

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS
TSCA (TOXIC SUBSTANCE CONTROL ACT): All components are listed or exempted
CERCLA (COMPREHENSIVE RESPONSE COMPENSATION, AND LIABILITY ACT): Not reportable



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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.

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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.