

Fabpro Oriented Polymers
P.O. Box 517
701 East Ave. A
Kingman, KS, 67068
Telephone: 620-532-4000

Product Code: Ny-lok
Issue Date: 03/04/10
Supersedes: --
Supersedes Date: --

MATERIAL SAFETY DATA SHEET

SECTION I - PRODUCT IDENTIFICATION

Product Code: Ny-lok Fiber
Chemical Name: Nylon Based fibers
Product Description: Nylon fibers (Nylon Polyamide Fiber, 6-6 nylon)

SECTION II - COMPOSITION, INFORMATION ON INGREDIENTS

Components	Percent by Weight	C A S No.	***Exposure Limits***	
			TWA (8 Hour)	Short Term (15 Min.)
Nylon 6,6 Polyamide	94.0 - 100	32131-17-2	Not Established	
Finishes	0.0 - 4.0			
Titanium Dioxide	0.0 - 2.0	13463-67-7	10 mg/m ³	Not Established (ACGIH)
			15* mg/m ³	Not Established (OSHA)

*total dust

SECTION III - HAZARDS IDENTIFICATION

Health Effects:

Eyes: Solid fibers or dust may cause transient irritation as a result of mechanical irritation.

Skin: Essentially no irritation to skin. Mechanical injury only. Persons sensitive to allergic reaction may have smooth irritation.

Inhalation: Does not generate respirable fibers or dust.

Ingestion: N.A.

N.A. = Not Applicable

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SECTION IV - FIRST AID MEASURES

First Aid Procedures:

Eyes: If irritation occurs, flush eyes immediately with large amounts of water for at least 15 minutes and continue flushing until irritation subsides. If redness or irritation persists, contact a physician.

Skin: Use good personal hygiene and wash thoroughly after handling. If redness or irritation persists, contact a physician. If molten material gets on skin, cool rapidly with cold water. Do not attempt to remove material from skin. Obtain medical treatment for thermal burn.

Inhalation: N.A.

Ingestion: N.A.

SECTION V - FIRE FIGHTING MEASURES

Flammable (Explosive) Limits
(Percent by Volume)

Flash Point(Specify Method): 420° C, ASTM D1929 Lower Explosive Limit: N.A.

Flammability Class: N.A. Upper Explosive Limit: N.A.

Fire Extinguishing Media: Water, Foam, Carbon Dioxide, Dry Chemical

Special Fire Fighting Procedures: None

Unusual Fire & Explosion Hazards: None known; expected to be similar to ordinary combustion. If thermally decomposed, flammable/toxic gases may be released such as carbon dioxide, carbon monoxide, and other asphyxiants.

SECTION VI - ACCIDENTAL RELEASE

Steps to be taken in case material is released or spilled: Eliminate all sources of ignition – heat, sparks, flame, electricity, impact and friction. Chopped filaments of nylon when spilled do not cause environmental risks or dangerous contamination. When a spill occurs, collect all material in plastic bags.

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SECTION VII - HANDLING AND STORAGE

Clean up by vacuuming the affected area, seal the bag and send to a re-use or recycling company.

- Handling: Avoid contact with eyes. Wash thoroughly after handling.
- Storage: Keep way from open flames and heated surfaces above 200° C.
Keep away from strong acids and strong oxidizing agents.
Use caution when stacking to avoid unstable conditions.
Store at temperatures below 140°F

SECTION VIII - EXPOSURE CONTROLS, PERSONAL PROTECTION

- Eye Protection: Eye glasses with side shields are recommended.
- Gloves: Protective gloves are recommended.
- Respiratory: None required under ordinary conditions. In case of fire, firemen, fire brigades and others should wear complete protective clothes including self-contained breathing equipment. Anyone without adequate protection must be evacuated from the local area to prevent exposure to gases. Self-contained breathing apparatus must be used when cleaning the area after extinguishing the fire in confined or in non-ventilated areas.
- Ventilation: None required.
- Other: N.A.

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SECTION IX - PHYSICAL AND CHEMICAL PROPERTIES

Appearance and Odor:	Whitish to translucent in color without any odor		
Odor Threshold:	Slight	Boiling Point:	N.A.
Specific Gravity (Water=1):	N.A.	Freezing Point:	N.A.
Vapor Density (Air=1):	N.A.	pH:	N.A.
Vapor Pressure(mm of mercury):	N.A.	Solubility in Water:	N.A.
Evaporation Rate:	N.A.		

SECTION X - STABILITY AND REACTIVITY

General Reactivity:	Stable	
Incompatibility (Materials to Avoid):	N.A.	
Hazardous Decomposition Products:	Not tested; expected to be similar to ordinary combustion. If heated to elevated temperatures (>254° C) degradation can occur and generate off gases which may contain very small amounts of organic acids, carbon monoxide, carbon dioxide, oxides of nitrogen, and trace amounts of hydrogen cyanide.	
Hazardous Polymerization:	..X.. Will Not Occur Will Occur
Conditions to Avoid:	N.A.	

SECTION XI - TOXICOLOGICAL INFORMATION

Reported Human Effects:

No primary irritation tests have been conducted.

Reported Animal Effects:

No animal toxicity studies have been carried out with this product.

Carcinogenicity Information:

None of the components in the product at greater than 0.1% are listed by ACGIH, IARC, NTP or OSHA as a carcinogen.

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SECTION XII - ECOLOGICAL INFORMATION

Ecotoxicity:

No ecological studies have been carried out on this product.

SECTION XIII - DISPOSAL CONSIDERATION

Waste Disposal Methods:

Dispose in accordance with Federal, State and local regulations. Be aware that state and local requirements may differ widely depending on location and may in many cases be different from federal rules.

When a decision is made to discard this material as supplied, it does not meet RCRA's (Resource Conservation and Recovery Act) characteristic definition of ignitability, corrosivity, or reactivity, and is not listed in 40 CFR 261.33. The toxicity characteristic (TC), however, has not been evaluated by the Toxicity Characteristic Leaching Procedure (TCLP).

SECTION XIV - TRANSPORTATION INFORMATION

Shipping Information:

Shipments of Nylon Fiber are not regulated by the U.S. Department of Transportation (DOT). There is no identification number. No special labels are required.

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SECTION XV - REGULATORY INFORMATION

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U.S. Federal Regulations

OSHA:

This MSDS is provided to comply with provisions of the Hazard Communication Standard (29 CFR 1910.1200).

EPA:

TSCA:

All components of this product are in compliance with the inventory listing requirements of the U.S. Toxic Substances Control Act (TSCA) Chemical Substance Inventory, 8(b).

CERCLA Information (40CFR 302.4):

Releases of this material to land or water are not reportable to the National Response Center under the Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA) or to state and local emergency planning committees under the Superfund Amendments and Reauthorization Act (SARA) Title III Section 304.

SARA TITLE III, Section 313 Information (40CFR 372):

This product does not contain a chemical which is listed in Section 313 at or above de minimis concentrations.

CLEAN AIR ACT AMENDMENTS OF 1990:

This product and its packaging do not contain, nor are they manufactured with, any of the ozone-depleting substances listed in either Class I chlorofluorocarbons, halons, carbon tetrachloride, and methyl chloroform) or Class II (hydrochlorofluorocarbons) of the Clean Air Act Amendments of 1990.

FDA:

This product is not registered with the FDA. Therefore, it is not approved for use as articles or components of articles intended for repeated contact with food.

M A T E R I A L S A F E T Y D A T A S H E E T

USDA:

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This product has not been evaluated by USDA for use in packaging material in direct contact with meat or poultry food products prepared under federal inspection.

State Regulations

California's Safe Drinking Water and Toxic Enforcement Act of 1986 (Proposition 65):
None

Massachusetts Right-to-Know, Hazardous Substance List (MSL):
In addition to those outlined in Section II, this product contains no other hazardous chemicals.

New Jersey Right-to-Know Hazardous Substance List:
In addition to those outlined in Section II, this product contains no other hazardous chemicals.

SECTION XVI - OTHER INFORMATION

Fabpro Oriented Polymers Hazard Rating	Scale
Health 0	4 = Extreme
Fire 1	3 = High
Reactivity 0	2 = Moderate
Special ---	1 = Slight
	0 = Insignificant

Ratings are based on Fabpro guidelines, and are intended for internal use.

References Documentation: Component MSDS(s)
2007 ACGIH Guide To Occupational Exposure Values
The Book of Chemical Lists on CD-ROM, May 2007

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Important Notice:

All statements, technical information and recommendations set forth herein are based on information or tests which Fabpro Oriented Polymers believes to be reliable as of the date of this material safety data sheet. However, nothing contained in this information is to be taken as a representation, guarantee, or warranty, for which Fabpro Oriented Polymers bears legal responsibility. Fabpro Oriented Polymers urges persons receiving this information to make their own determination as to the information's suitability and completeness for their particular application(s).

The data in this Material Safety Data Sheet relates only to the specific material designated herein and does not relate to use in combination with any other material or in any process.

Abbreviations:

ACGIH = American Conference of Governmental Industrial Hygienists
OSHA = Occupational Safety and Health Administration
TLV = Threshold Limit Value
PEL = Permissible Exposure Limit
TWA = Time Weighted Average
STEL = Short-Term Exposure Limit
EPA = Environmental Protection Agency
IARC = International Agency for Research on Cancer
NTP = National Toxicology Program
FDA = Food & Drug Administration
USDA = United States Department of Agriculture