



Safety Data Sheet

Hazard Communication Safety Data Sheets – NY-LOK™ Fiber

The Hazard Communication Standard (HCS) requires chemical manufacturers, distributors, or importers to provide Safety Data Sheets (SDSs) (formerly known as Material Safety Data Sheets or MSDSs) to communicate the hazards of hazardous chemical products.

Section 1, Identification:

Product Code: NY-LOK™ Fiber
 Chemical Name: Nylon Based fibers
 Product Description: Nylon fibers (Nylon Polyamide Fiber, 6-6 nylon)

Manufacturer Address: 100 South Fabpro Way
 PO Box 517
 Kingman, KS 67068

Telephone: 620-532-4000

Section 2, Hazard(s) 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.

Section 3, 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 0.0 – 4.0	94.0 - 100	32131-17-2	Not Established Finishes	
Titanium Dioxide	0.0 – 2.0	13463-67-7	10 mg/m ³ (ACGIH)	Not Established
			15* mg/m ³ (OSHA)	Not Established

*total dust

Section 4, 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 5, 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 6, Accidental release measures:

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

Section 7, Handling and storage:

Handling:	Avoid contact with eyes. Wash thoroughly after handling.
Storage:	Keep away 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 8, 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.

Section 9, 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 10, 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 11, 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.

Section 12, Ecological information*

Ecotoxicity:

No ecological studies have been carried out on this product.

Section 13, Disposal considerations*

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 14, Transport 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.

Section 15, Regulatory information*

U.S. Federal Regulations

OSHA:

This SDS 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.

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

This product does not contain a chemical which is listed in Section 313 at or above the minimum 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.

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USDA:

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 16, Other information:

Great Lakes Polymer Technologies Hazard Rating	Scale
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