

Material Safety Data Sheet

May be used to comply with OSHA's Hazard Communication Standard, 29 CFR 1910 1200. Standard must be consulted for specific requirements.

U.S. Department of Labor

Occupational Safety and Health Administration
(Non-Mandatory Form)
Form Approved
OMB No. 1218-0072

IDENTITY (as Used on Label and List)

NyconG-Nano Nylon Fiber

Note: Blank spaces are not permitted. If any item is not applicable or no information is available, the space must be marked to indicate that.

Section I

Manufacturer's name Nycon	Emergency Telephone Number 401-596-3955
Address (Number, Street, City, State and ZIP Code) 101 Cross St. Westerly, RI 02891	Telephone Number for Information 401-596-3955
	Date Prepared July, 21, 2008
	Signature of Preparer (optional)

Section II—Hazardous Ingredients/Identity Information

Hazardous Components (Specific Chemical Identity, Common Name(s))	OSHA PEL	ACGIH TLV	Other Limits Recommended	% (optional)
Nylon 6.6 or 6 Fibers				
Polypropylene Fibers				
Calcium Carbonate				
Styrene Butadiene Polymer				
Other				

Section III—Physical/Chemical Characteristics

Boiling Point	Not applicable	Specific Gravity (H ₂ O = 1)	Not Determined
Vapor Pressure (mm Hg)	Not applicable	Melting Point	250-260 def C (482-500 def F)
Vapor Density (AIR = 1)	Not applicable	Evaporation Rate (Butyl Acetate = 1)	Not applicable
Solubility in Water	Insoluble		
Appearance and Odor	Color will vary, none to slight organic odor.		

Section IV—Fire and Explosion Hazard Data

Flash Point (Method Used)	N/A	Flammable Limits	N/A	LEL	N/A	UEL	N/A
Extinguishing Media	Use any standard agent (water, carbon dioxide, or foam)						
Special Fire Fighting Procedures	As a minimum wear bunker gear and self-contained positive pressure breathing apparatus.						
Unusual Fire and Explosion Hazards	None known						

(Reproduce locally)

OSHA 174 Sept. 1985

Section V—Reactivity Data

Stability	Unstable		Conditions to Avoid
	Stable	X	Avoid Exposure to open flame or temperatures exceeding recommended temperatures. Avoid prolonged exposure to processing temperatures. Consult tech service for recommended process conditions. Do not store processed product hot.

Incompatibility (*Materials to Avoid*) Strong mineral acids.

Hazardous Decomposition or Byproducts Thermal decomposition products may include a complex mixture of organic and inorganic compounds including but not limited to simple hydrocarbons, aldehydes, ketones, nitriles, inorganic oxides, halides, and possible trace amounts of hydrogen cyanide and other materials depending upon specific temperature, time, exposure, and other immediate environmental factors.

Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	X	

Section VI—Health Hazard Data

Route(s) of Entry	Inhalation?	Yes	Skin?	Yes	Ingestion?	Not probable
-------------------	-------------	-----	-------	-----	------------	--------------

Health Hazards (*Acute and Chronic*) No significant hazards associated with this material at ambient conditions. Exposure to fire may release irritating, toxic and/or flammable fumes or vapors.

Carcinogenicity	N/A	NTP?	N/A	IARC Monographs?	N/A	OSHA Regulated?	N/A
-----------------	-----	------	-----	------------------	-----	-----------------	-----

Signs and Symptoms of Exposure Inhalation of excessive amounts of dust may cause temporary upper respiratory irritation and/or congestion.

Eyes: Dust particles may cause the eye to be scratched.

Medical Conditions
Generally Aggravated by Exposure N/A

Emergency and First Aid Procedures

If in eyes: If irritation develops do not scratch or rub, flush with running water for 10-15 minutes. If discomfort continues obtain medical attention.

If on skin: If irritation develops, flush with running water. Wash affected area with soap and water. If discomfort continues, obtain medical attention.

If inhaled: Remove person to fresh air. If irritation develops obtain medical attention.

If swallowed: Ingestion is not likely route of exposure. If ingested seek medical attention.

Section VII—Precautions for Safe Handling and Use

Steps to Be Taken in Case Material Is Released or Spilled

Collect fiber and place in a container for reuse, recycle, or disposal.

Waste Disposal Method

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

Precautions to Be Taken in Handling and Storing

Materials should be kept dry, and kept from the elements.

Other Precautions

N/A

Section VII—Control Measures

Respiratory Protection (<i>Specify Type</i>) If dusty conditions exist, use mechanical filter respirator approved by NIOSH. For exposure to fume or vapor in excess of permissible levels use organic vapor cartridge respirator approved by NIOSH.		
Ventilation	Local Exhaust	Recommended
	Mechanical (<i>General</i>)	Recommended
	Special	N/A
	Other	Processors should evaluate the need for exhaust ventilation at each processing emission point.
Protective Gloves	Recommended	
	Eye Protection	Safety glasses with side shield as a minimum. Use face shield when processing molten material. An eye wash fountain or other source of running water is recommended near work area.
Other Protective Clothing or Equipment Use arm protection to protect against thermal burns. Use of personal protection should be consistent with user's site requirements.		
Work/Hygienic Practices Adhere to local, state, and federal regulations and/or good manufacturing and industrial hygiene practices.		