

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)

Nycon-PETF

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 IManufacturer's name **Nycon**Emergency Telephone Number **401-596-3955**

Address (Number, Street, City, State and ZIP Code)

Telephone Number for Information **401-596-3955****One Neshaminy Interplex #201**Date Prepared **June 20, 2009****Trevoese, PA 19053**

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)

Polyester mini-fiber blend

Section III—Physical/Chemical Characteristics

Boiling Point

Not applicable

Specific Gravity (H₂O = 1)

Not Determined

Vapor Pressure (mm Hg)

Not applicable

Melting Point

120-140 deg C
(250-290 deg F)

Vapor Density (AIR = 1)

Not applicable

Evaporation Rate (Butyl Acetate = 1)

Not applicable

Solubility in Water

Insoluble

Appearance and Odor

Dark grey to varied, none to slight 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 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
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Health Hazards (*Acute and Chronic*)

No significant hazards associated with this material at ambient conditions. Exposure to fire or elevated processing temperatures may release irritating, toxic and/or flammable fumes or vapors.

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

Always wear recommended personal protection equipment. 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

When handling always wear recommended personal protection equipment. Materials should be kept dry, and kept from the elements. Avoid breathing thermal processing vapors and fumes. Avoid dust, fiber, or pellet inhalation and contact with skin, and eyes.

Other Precautions

N/A

Section VII—Control Measures

Respiratory Protection (*Specify Type*) 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	Special	N/A
	Mechanical (<i>General</i>)	Recommended	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 good manufacturing and industrial hygiene practices.