

**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 RC**

*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 <b>Nycon, Inc.</b>	Emergency Telephone Number <b>401-596-3955</b>
Address (Number, Street, City, State and ZIP Code) <b>101 Cross Street Westerly RI 02891</b>	Telephone Number for Information <b>401-596-3955</b>
	Date Prepared <b>May 15, 2001</b>
	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)
<b>Caprolactam</b>	<b>Dust:</b>	<b>Dust:</b>	<b>None</b>	
<b>Nylon 6 poly [1-oxo-1,6-hexanediy]-</b>	<b>1 mg/m<sup>3</sup> TWA;</b>	<b>1 mg/m<sup>3</sup> TWA;</b>		
	<b>Vapor:</b>	<b>Vapor:</b>		
	<b>5 ppm, 20 mg/m<sup>3</sup></b>	<b>5 ppm, 23 mg/m<sup>3</sup></b>		
	<b>TWA;</b>	<b>TWA;</b>		
	<b>10 ppm, 40 mg/m<sup>3</sup></b>	<b>10 ppm, 46 mg/m<sup>3</sup></b>		
	<b>STEL</b>	<b>STEL</b>		

**Section III—Physical/Chemical Characteristics**

Boiling Point	<b>NA</b>	Specific Gravity (H <sub>2</sub> O = 1)	<b>1.12 – 1.14</b>	
Vapor Pressure (mm Hg)	<b>NA</b>	Melting Point	<b>Approx. 215-225°C</b>	<b>(420-437°F)</b>
Vapor Density (AIR = 1)	<b>NA</b>	Evaporation Rate (Butyl Acetate = 1)	<b>NA</b>	
Solubility in Water	<b>Insoluble</b>			
Appearance and Odor	<b>White, slight odor characteristic of mineral oil based lubricant.</b>			

**Section IV—Fire and Explosion Hazard Data**

Flash Point (Method Used)	<b>NA</b>	Flammable Limits	<b>NA</b>	LEL	<b>NA</b>	UEL	<b>NA</b>
Extinguishing Media	<b>Use any standard agent.</b>						
Special Fire Fighting Procedures	<b>Wear NIOSH-approved self-contained breathing apparatus. Avoid excessive inhalation of smoke or potential thermal decomposition products.</b>						
Unusual Fire and Explosion Hazards	<b>None</b>						

(Reproduce locally)

OSHA 174 Sept. 1985

<b>Section V—Reactivity Data</b>			
Stability	Unstable		Conditions to Avoid
	Stable	<b>X</b>	<b>None</b>
Incompatibility ( <i>Materials to Avoid</i> ) <b>NA</b>			
Hazardous Decomposition or Byproducts <b>NA</b>			
Hazardous Polymerization	May Occur		Conditions to Avoid
	Will Not Occur	<b>X</b>	<b>None</b>
<b>Section VI—Health Hazard Data</b>			
Route(s) of Entry	Inhalation? <b>Yes</b>	Skin? <b>Yes</b>	Ingestion? <b>Not probable</b>
Health Hazards ( <i>Acute and Chronic</i> ) <b>No significant hazard associated with this material.</b>			
<b>Skin: May cause mechanical irritation. Eyes: May cause mechanical irritation.</b>			
<b>Inhalation: Fibers are not respirable. Ingestion: Not a probable route of exposure.</b>			
Carcinogenicity	NTP?	IARC Monographs?	OSHA Regulated?
<b>No ingredients listing in this section.</b>			
Signs and Symptoms of Exposure	<b>Skin and eye irritation may be caused by exposure.</b>		
Medical Conditions			
Generally Aggravated by Exposure	<b>Fibers may cause mechanical irritation.</b>		
Emergency and First Aid Procedures			
<b>First aid is not generally required when handling fibers.</b>			
<b>Section VII—Precautions for Safe Handling and Use</b>			
Steps to Be Taken in Case Material Is Released or Spilled	<b>Collect fiber and place in a container for reuse, recycle, or disposal.</b>		
Waste Disposal Method <b>Dispose of by incineration or recycle in accordance with local, state and federal regulations. Consult your attorney or regulatory officials.</b>			
Precautions to Be Taken in Handling and Storing <b>Normal handling and adequate personal protection equipment as Determined necessary. Storage: To maintain product quality store in cool, dry area.</b>			
Other Precautions <b>None needed.</b>			
<b>Section VII—Control Measures</b>			
Respiratory Protection ( <i>Specify Type</i> ) <b>None</b>			
Ventilation	Local Exhaust	<b>Recommended</b>	Special <b>NA</b>
	Mechanical ( <i>General</i> )	<b>Recommended</b>	Other <b>NA</b>
Protective Gloves	<b>NA</b>	Eye Protection	<b>Use good industrial practice to avoid contact.</b>
Other Protective Clothing or Equipment <b>None</b>			
Work/Hygienic Practices <b>NA</b>			