

# Material Safety Data Sheet

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**LEWCO N-70**

**Spun Nomex Sewing Thread**

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**Manufacturer's Name:** LEWCO Specialty Products, Inc.  
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Chemical Family: Polyether Block Polyamide Copolymer

Product Use: Engineering thermoplastic resin for extrusion and molding applications.

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## **Section I –Ingredients**

<b>Identity</b>	<b>CAS No.</b>	<b>%</b>	<b>PEL</b>	<b>TLV</b>
Polyether Block Polyamide Copolymer	84732-38-7	>97	NE	NE
Additives	*	<3	NE	NE

PEL and TLV values are reported as TWA unless otherwise noted.

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## **SECTION II – Physical Data**

**Melting Point:** 173 C  
**Boiling Point:** Not applicable  
**Vapor Pressure @ 20 C:** Not applicable  
**Vapor Density (Air=1):** Not applicable  
**Appearance and Odor:** Yellow Pellets; minimal odor  
**Specific Gravity:** 1.01  
**Percent Volatile by Volume:** Not applicable  
**Evaporation Rate (Butyl acetate=1):** Not applicable  
**Solubility in Water:** Negligible

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## **SECTION III – Fire and Explosion Data**

**Flash Point:** Not applicable

**Autoignition Temperature:** Not applicable

**Flammable Limits:** LEL= N/A UEL=N/A

**Extinguishing Media:** Water Spray, Carbon Dioxide, Foam, or Dry Chemical

**Special Fire Fighting Procedures:** In the event of fire, wear full protective clothing and NIOSH approved self-contained breathing apparatus (SCBA) with full face piece, operated in the positive pressure mode.

**Hazardous Combustion Products:** Irritation and /or toxic gases due to decomposition of the product may be generated during a fire.

**Unusual Fire and Explosion Hazards:** Pellets present no special fire or explosion hazard; however, dust generated during handling or storage can create explosive mixtures in the air.

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#### **SECTION IV – Reactivity Data**

**Stability:** Compound is stable

**Conditions to avoid:** Heating above 340C

**Incompatibility (Materials to avoid):** Acids and strong oxidizing agents

**Hazardous Polymerization:** Will not occur

**Hazardous Decomposition Products:** Oxides of carbon and nitrogen

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#### **SECTION V – Environmental Information**

**Points of Entry:** Inhalation and ingestion

**Eye Contact:** Dust or vapors that contact the eye may be irritatin or cause mechanical injur.

**Skin Contact:** Molten material will produce thermal burns.

**Ingestion:** It is reasonable to anticipate ingestion of pellets would be irritation to the GI tract.

**Inhalation:** Dust or vapors may be irritatiing to the respiratory tract and cause coughing or sneezing.

**Chronic Toxicity:** No effects from chronic exposure are known.

**Medical Conditions Aggravated by Exposure:** As with any organic compound that is heated to vaporization, exposure may aggravate pre-existing conditions such as colds, allergies, shthma, emphysema and psoriasis.

**Toxicology:** Carcinogenicity: No- NTP No-IARC

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## **Section VII – First Aid Measures**

**Eye:** Immediately flush eyes with flowing water for at least 15 minutes. See a physician if the irritation persists.

**Skin:** No harmful effects are anticipated. Wash thoroughly with soap and water. See a physician if the irritation persists.

**Ingestion:** No harmful effects anticipated if the powder is swallowed. See a physician if the irritation persists.

**Inhalation:** No harmful effects are anticipated from breathing dust or a low concentration of vapors. If a problem develops, remove the person to the concentration of vapors. If a problem develops, remove the person to the fresh air and supply oxygen if necessary.

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## **SECTION VIII – Special Protection Information**

**Ventilation:** Provide local exhaust ventilation where heat can cause polymer breakdown, e.g. extrusion, molding and where there is a need to draw dusts and fumers from worker breathing zones. The following publication offers ventilation guidelines and techniques: “Industrial Ventilation, A Manual of Recommended Practice.” Available from ACGIH.

**Respiratory protection:** For conditions where exposure to dust and fumes is apparent, a NIOSH approved respirator for dust mists and fumes appropriate to the airborne concentration is recommended.

**Eye and Face Protection:** Safety glasses with side shields are recommended for any type of handling. Dust-tight goggles are recommended for dusty operations of areas where vapors accumulate.

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## **SECTION IX – Special Protection Information**

**Respiratory Protection:** None required.  
**Ventilation:** Normal air circulation  
**Skin Protection:** Plastic or Rubber gloves  
**Eye Protection:** Safety glasses with side shields  
**Other Protective Equipment:** Normal clothing and shoes

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## **SECTION X – Special Precautions**

- \* Avoid skin and eye contact
- \* Avoid breathing vapors, mist and fumes
- \* Ensure that all containers are properly labeled to prevent accidental ingestion or improper disposal
- \* Reseal partially used containers

- \* Wash hands with soap and water before eating, drinking or using toilet facilities
- \* Store in cool (<90° F) dry conditions away from open flames
- \* Vent container if necessary to relieve internal pressure
- \* Avoid contact with acidic, basic or oxidizing agents
- \* Maintain conditions of good industrial practice

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### **Legal Disclaimer**

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