Material Safety Data Sheet

**LEWCO N-70**

**Spun Nomex Sewing Thread**

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.

**Section I – Ingredients**

<table>
<thead>
<tr>
<th>Identity</th>
<th>CAS No.</th>
<th>%</th>
<th>PEL</th>
<th>TLV</th>
</tr>
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<tbody>
<tr>
<td>Polyether Block Polyamide</td>
<td>84732-38-7</td>
<td>&gt;97</td>
<td>NE</td>
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<tr>
<td>Copolymer</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>Additives</td>
<td>*</td>
<td>&lt;3</td>
<td>NE</td>
<td>NE</td>
</tr>
</tbody>
</table>

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

**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

**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.

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

SECTION V – Environmental Information

Points of Entry: Inhalation and ingestion
Eye Contact: Dust or vapors that contact the eye may be irritating or cause mechanical injury.
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 irritating 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, asthma, emphysema and psoriasis.

Toxicology: Carcinogenicity: No- NTP  No-IARC
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.

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.

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

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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