Section 1: Identification

PRODUCT AND COMPANY INFORMATION

**Product Name:** Nylon 6(3)T [(Poly(trimethyl hexamethylene terephthalamide))]

**Catalog Number(s):** 331

**Molecular Formula:** \((C_8H_4O_2\cdot C_9H_{20}N_2)_x\)

**Company:** Scientific Polymer Products, Inc.
6265 Dean Parkway
Ontario, NY 14519

**Telephone:** 585/265-0413
**Fax:** 585/265-1390
**Website:** www.scipoly.com

**Emergency Phone Number:** 800-255-3924 (CHEM TEL)

Section 2: Hazards Identification

**Classification of the substance or mixture**
Not a hazardous substance or mixture.

**GHS Label elements, including precautionary statements**
Not a hazardous substance or mixture.

**Hazards not otherwise classified (HNOC) or not covered by GHS** – none

To the best of our knowledge, the toxicological properties of this chemical have not been thoroughly investigated. Use appropriate procedures and precautions to prevent or minimize exposure.

Section 3: Composition/Information on Ingredients

<table>
<thead>
<tr>
<th>Ingredient</th>
<th>CAS Number</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nylon 6(3)T</td>
<td>25497-66-9</td>
<td>100</td>
</tr>
</tbody>
</table>

Section 4: First Aid Measures

**Description of first aid measures**

**If inhaled**
If breathed in, move person into fresh air. If not breathing, give artificial respiration.

**In case of skin contact**
Wash off with soap and plenty of water.

**In case of eye contact**
Flush eyes with water as a precaution.

**If swallowed**
Never give anything by mouth to an unconscious person. Rinse mouth with water.
Most important symptoms and effects, both acute and delayed
The most important known symptoms and effects are described in the labelling (see section 2) and/or in section 11

Indication of any immediate medical attention and special treatment needed
No data available

### Section 5: Fire-Fighting Measures

**Suitable extinguishing media**
Use water spray, alcohol-resistant foam, dry chemical or carbon dioxide.

**Special hazards arising from the substance or mixture**
Carbon oxides, nitrogen oxides (NOx)

**Advice for firefighters**
Wear self-contained breathing apparatus for firefighting if necessary.

**Further information**
No data available

### Section 6: Accidental Release Measures

**Personal precautions, protective equipment and emergency procedures**
Avoid dust formation. Avoid breathing vapors, mist or gas. For personal protection see section 8.

**Environmental precautions**
Do not let product enter drains.

**Methods and materials for containment and cleaning up**
Sweep up and shovel. Keep in suitable, closed containers for disposal.

**Reference to other sections**
For disposal see section 13.

### Section 7: Handling and Storage

**Precautions for safe handling**
Provide appropriate exhaust ventilation at places where dust is formed. Normal measures for preventive fire protection. For precautions see section 2.

**Conditions for safe storage, including any incompatibilities**
Keep container tightly closed in a dry and well ventilated place. Keep in a dry place.

**Specific end use(s)**
Laboratory chemicals, Manufacture of substances

### Section 8: Exposure Controls/Personal Protection

**Control parameters**

**Components with workplace control parameters**
Contains no substances with occupational exposure limit values.

**Exposure controls**

**Appropriate engineering controls**
General industrial hygiene practice.
Personal protective equipment

Eye/face protection
Use equipment for eye protection tested and approved under appropriate government standards such as NIOSH (US) or EN 166(EU).

Skin protection
Handle with gloves. Gloves must be inspected prior to use. Use proper glove removal technique (without touching glove's outer surface) to avoid skin contact with this product. Dispose of contaminated gloves after use in accordance with applicable laws and good laboratory practices. Wash and dry hands.

Body Protection
Choose body protection in relation to its type, to the concentration and amount of dangerous substances, and to the specific workplace. The type of protective equipment must be selected according to the concentration and amount of the dangerous substance at the specific workplace.

Respiratory protection
Respiratory protection is not required. Where protection from nuisance levels of dusts are desired, use type N95 (US) or type P1 (EN 143) dust masks. Use respirators and components tested and approved under appropriate government standards such as NIOSH (US) or CEN (EU).

Control of environmental exposure
Do not let product enter drains.

Section 9: Physical and Chemical Properties

Information on basic physical and chemical properties

| a) Appearance              | Form: Pellets |
| b) Odor                   | Odorless      |
| c) Odor Threshold         | No data available |
| d) pH                     | No data available |
| e) Melting point/freezing point | No data available |
| f) Initial boiling point and boiling range | No data available |
| g) Flash point            | No data available |
| h) Evaporation rate       | No data available |
| i) Flammability (solid, gas) | No data available |
| j) Upper/lower flammability or explosive limits | No data available |
| k) Vapor pressure         | No data available |
| l) Vapor density          | No data available |
| m) Relative density       | No data available |
| n) Water solubility       | Insoluble     |
| o) Partition coefficient: n- octanol/water | No data available |
| p) Auto-ignition temperature | No data available |
| q) Decomposition temperature | No data available |
| r) Viscosity              | No data available |
| s) Explosive properties   | No data available |
| t) Oxidizing properties   | No data available |

Other safety information
No data available

Section 10: Stability and Reactivity

Reactivity
No data available

Chemical stability
Stable under recommended storage conditions.

Possibility of hazardous reactions
No data available
Conditions to avoid
No data available

Incompatible materials
Strong oxidizing agents, Strong bases

Hazardous decomposition products
Other decomposition products - No data available
In the event of fire: see section 5

Section 11: Toxicological Information

Information on toxicological effects

Acute toxicity
No data available

Inhalation: No data available
Dermal: No data available

Skin corrosion/irritation
No data available

Serious eye damage/eye irritation
No data available

Respiratory or skin sensitization
No data available

Germ cell mutagenicity
No data available

Carcinogenicity
IARC: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible or confirmed human carcinogen by IARC.

ACGIH: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by ACGIH.

NTP: No component of this product present at levels greater than or equal to 0.1% is identified as a known or anticipated carcinogen by NTP.

OSHA: No component of this product present at levels greater than or equal to 0.1% is identified as a carcinogen or potential carcinogen by OSHA.

Reproductive toxicity
No data available

Specific target organ toxicity - single exposure
No data available

Specific target organ toxicity - repeated exposure
No data available

Aspiration hazard
No data available

Additional Information
No data available
Section 12: Ecological Information

Toxicity
No data available

Persistence and degradability
No data available

Bioaccumulative potential
No data available

Mobility in soil
No data available

Results of PBT and vPvB assessment
PBT/vPvB assessment not available as chemical safety assessment not required/not conducted

Other adverse effects
No data available

Section 13: Disposal Considerations

Waste treatment methods

Product
Offer surplus and non-recyclable solutions to a licensed disposal company.

Contaminated packaging
Dispose of as unused product.

Section 14: Transport Information

DOT (US)
Not dangerous goods

IMDG
Not dangerous goods

IATA
Not dangerous goods

Section 15: Regulatory Information

SARA 302 Components
No chemicals in this material are subject to the reporting requirements of SARA Title III, Section 302.

SARA 313 Components
This material does not contain any chemical components with known CAS numbers that exceed the threshold (De Minimis) reporting levels established by SARA Title III, Section 313.

SARA 311/312 Hazards
No SARA Hazards

Massachusetts Right To Know Components
No components are subject to the Massachusetts Right to Know Act.

Pennsylvania Right To Know Components

| CAS-No. |  
|----------|----------|
| Nylon 6(3)T | 25497-66-9 |
New Jersey Right To Know Components

Nylon 6(3)T  
CAS-No.  
25497-66-9

California Prop. 65 Components
This product does not contain any chemicals known to State of California to cause cancer, birth defects, or any other reproductive harm.

Section 16: Other Information

<table>
<thead>
<tr>
<th>HMIS Rating</th>
<th>NFPA Rating</th>
</tr>
</thead>
<tbody>
<tr>
<td>Health:</td>
<td>0</td>
</tr>
<tr>
<td>Flammability:</td>
<td>0</td>
</tr>
<tr>
<td>Reactivity:</td>
<td>0</td>
</tr>
</tbody>
</table>

Health: 0  
Flammability: 0  
Reactivity: 0

This material is intended for laboratory use only. It is not sold or intended for drug, household or other uses. The information represents the most accurate and complete data currently available to us. However, we make no warranty, express or implied, with respect to such information, and we assume no liability resulting from its use.