Section 1: Identification

PRODUCT AND COMPANY INFORMATION

Product Name: Poly(acrylonitrile-co-methyl acrylate)  
Molecular Formula: \((C_4H_6O_2\cdotC_3H_3N)_x\)

Catalog Number(s): 665

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>Poly(acrylonitrile-co-methyl acrylate)</td>
<td>24968-79-4</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.

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 work-place. 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**
No special environmental precautions required.

<table>
<thead>
<tr>
<th>Section 9: Physical and Chemical Properties</th>
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</thead>
<tbody>
<tr>
<td><strong>Information on basic physical and chemical properties</strong></td>
</tr>
<tr>
<td>a) Appearance Form: Powder</td>
</tr>
<tr>
<td>b) Odor Odorless</td>
</tr>
<tr>
<td>c) Odor Threshold No data available</td>
</tr>
<tr>
<td>d) pH No data available</td>
</tr>
<tr>
<td>e) Melting point/freezing point No data available</td>
</tr>
<tr>
<td>f) Initial boiling point and boiling range No data available</td>
</tr>
<tr>
<td>g) Flash point No data available</td>
</tr>
<tr>
<td>h) Evaporation rate No data available</td>
</tr>
<tr>
<td>i) Flammability (solid, gas) No data available</td>
</tr>
<tr>
<td>j) Upper/lower flammability or explosive limits No data available</td>
</tr>
<tr>
<td>k) Vapor pressure No data available</td>
</tr>
<tr>
<td>l) Vapor density No data available</td>
</tr>
<tr>
<td>m) Relative density No data available</td>
</tr>
<tr>
<td>n) Water solubility Insoluble</td>
</tr>
<tr>
<td>o) Partition coefficient: n-octanol/water No data available</td>
</tr>
<tr>
<td>p) Auto-ignition temperature No data available</td>
</tr>
<tr>
<td>q) Decomposition temperature No data available</td>
</tr>
<tr>
<td>r) Viscosity No data available</td>
</tr>
<tr>
<td>s) Explosive properties No data available</td>
</tr>
<tr>
<td>t) Oxidizing properties No data available</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Other safety information</th>
</tr>
</thead>
<tbody>
<tr>
<td>No data available</td>
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</tbody>
</table>

<table>
<thead>
<tr>
<th>Section 10: Stability and Reactivity</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reactivity</strong> No data available</td>
</tr>
</tbody>
</table>

**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

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
RTECS: Not 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

Poly(acrylonitrile-co-methyl acrylate) 24968-79-4
New Jersey Right To Know Components
Poly(acrylonitrile-co-methyl acrylate)  CAS-No.  24968-79-4

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>
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</thead>
<tbody>
<tr>
<td>Health:</td>
<td>Health:</td>
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<tr>
<td></td>
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</tr>
<tr>
<td>Flammability:</td>
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<tr>
<td></td>
<td>0</td>
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<tr>
<td>Reactivity:</td>
<td>Reactivity:</td>
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<td></td>
<td>0</td>
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</tbody>
</table>

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