

Product Name: **Nolu-SR (Compressed or extruded shapes from resin)**

Synonyms: **Polyethylene**

## NOLU-SR

### Composition / Information on Ingredients\*

This product is not regulated under the OSHA Hazard Communication Standard, 29CFR1910.1200. or S.A.R.A. Title III. Please read the MSDS carefully before using this product.

\*All ingredients are FDA approved.

### Physical and Chemical Properties

Appearance and Odor:  
Gray powder with mild odor

|                                  | Low   | High  | Units | Comment               |
|----------------------------------|-------|-------|-------|-----------------------|
| <b>Melting Point</b>             | 135   | 145   | °C    | (227°C for Lubricant) |
| <b>Density</b>                   | 0.925 | 0.935 | G/CC  | @25°C                 |
| <b>Solubility in Water</b>       | -     | -     | -     | Insoluble             |
| <b>Ignition Temperature</b>      | 350   | FIT   | °C    | ASTM D1929            |
| <b>Decomposition Temperature</b> | -     | 330   | °C    | -                     |

### Fire and Explosion Hazards

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

Special Procedures:  
Use self-contained breathing apparatus and full protective clothing.

Unusual Hazards:  
Emits toxic fumes under fire conditions. Fine powder may present dust explosion hazard.

### Stability and Reactivity

Chemical Stability:  
Stable

Conditions to Avoid:  
Avoid overheating this material. Electrical grounding of equipment is required when handling powder to prevent possible dust explosion.

Hazardous Decomposition Products:  
Thermal Decomposition may generate Carbon Monoxide and Carbon Dioxide.

Hazardous Polymerization:  
Will not occur.

# Nolu-SR (cont.)

## Health Hazard Identification

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Signs and Symptoms of Overexposure:

Fine powder may irritate the respiratory system.

Toxicity Text:

Considered to be Non Toxic

| Primary route of Exposure: | Yes | No |
|----------------------------|-----|----|
| <b>Inhalation</b>          | ✓   |    |
| <b>Skin Absorption</b>     |     | ✓  |
| <b>Ingestion</b>           |     | ✓  |

| Carcinogen: | Yes | No |
|-------------|-----|----|
| <b>IARC</b> |     | ✓  |
| <b>NTP</b>  |     | ✓  |
| <b>OSHA</b> |     | ✓  |

## First Aid Procedures

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Inhalation:

Remove victim to fresh air. Consult Physician.

Eyes:

Flush thoroughly with water for 15 minutes. Consult Physician if irritation or other symptoms occur.

Skin Contact:

Wash with soap and water. Consult Physician if irritation or other symptoms occur.

Ingestion:

Consult Physician.

Additional Measures:

Consult Physician if irritation of respiratory passages occur.

## Disposal Considerations / Spill or Leak Procedures

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Spill or leak:

Collect into suitable container.

Waste Disposal:

Dispose of in accordance with federal, state and local regulations.

## Nolu-SR (cont.)

### Exposure Controls / Personal Protection

**Respiratory Protection:**

If airborne concentrations pose a health hazard, become irritating, or exceed recommended limits, use a NIOSH approved respirator in accordance with OSHA respiratory protection requirements under 29 CFR 1910.134.

**Protective Clothing:**

Safety glasses. Clothing suitable to avoid skin contact.

**Additional Protective Measures:**

Use local exhaust ventilation or respiratory protection to maintain employee exposure below the P.E.L. or T.L.V.

**Special Precautions:**

Treat as nuisance dust and observe the following exposure limits:

| Ingredient            | Agency    | Value                                      |
|-----------------------|-----------|--|
| Nuisance / inert dust | OSHA PEL  | 15 mg/m3 (total)<br>5 mg/m3 (respirable)   |
| Nuisance particulates | ACGIH TLV | 10 mg/m3 (total)*<br>3 mg/m3 (respirable)* |

\*Solus Industrial Innovations recommended limits

### Regulatory Information

**State Right to know information:**

Component : Ethene, Homopolymer (Polyethylene)

**Reference:**

PA State Code 34 Regulations: N.J.S.A. 34: 5A-1 ET SEQ.

Hazard Communication Label: 00-00

| SARA Hazard Class: | Yes | No |
|--------------------|-----|----|
| Acute              |     | ✓  |
| Chronic            |     | ✓  |
| Fire Hazard        |     | ✓  |
| Pressure           |     | ✓  |
| Reactivity         |     | ✓  |

*Disclaimer: The information herein is given in good faith but no warranty, expressed or implied, is made.*