# MATERIAL SAFETY DATA SHEET

## SECTION I. IDENTIFICATION OF PRODUCT

<table>
<thead>
<tr>
<th>CHEMICAL NAME:</th>
<th>Polystyrene</th>
</tr>
</thead>
<tbody>
<tr>
<td>FORMULA:</td>
<td>N/A</td>
</tr>
</tbody>
</table>

## SECTION II. HAZARDOUS INGREDIENTS

<table>
<thead>
<tr>
<th>MATERIAL:</th>
<th>Polystyrene</th>
</tr>
</thead>
<tbody>
<tr>
<td>NATURE OF HAZARD:</td>
<td>Irritant in powder form</td>
</tr>
</tbody>
</table>

## SECTION III. PHYSICAL DATA

<table>
<thead>
<tr>
<th>BOILING POINT:</th>
<th>MELTING POINT:</th>
</tr>
</thead>
<tbody>
<tr>
<td>VAPOR PRESSURE (mm Hg):</td>
<td>SPECIFIC GRAVITY:</td>
</tr>
<tr>
<td>VAPOR DENSITY (AIR = 1):</td>
<td>PERCENTAGE VOLATILE BY VOLUME (%):</td>
</tr>
<tr>
<td>WATER SOLUBILITY:</td>
<td>EVAPORATION RATE:</td>
</tr>
</tbody>
</table>

**APPEARANCE:** Colorless solid

## SECTION IV. FIRE AND EXPLOSION HAZARD DATA

<table>
<thead>
<tr>
<th>FLASH POINT (°F) Not Applicable:</th>
<th>FLAMMABLE LIMITS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Special Fire-Fighting Procedures:</td>
<td>SCBA - Protective clothing</td>
</tr>
</tbody>
</table>

| FIRE EXTINGUISHING MEDIA: | Water Spray |

| THRESHOLD LIMIT VALUE: | N/A |

**HEALTH HAZARDS:** Skin/eye irritant in powder form. Harmful if inhaled or swallowed

**FIRST AID PROCEDURES:** Eye/skin - flush with water, Inhaled - remove to fresh air, seek medical attention immediately
SECTION VI. REACTIVITY DATA

STABILITY: 
  STEADY 
  UNSTEADY CONDITIONS TO AVOID: 

INCOMPATIBILITY (materials to avoid): Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

HAZARDOUS MAY OCCUR CONDITIONS TO AVOID:

POLYMERIZATION: WILL NOT OCCUR

SECTION VII. SPILL AND DISPOSAL PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:

WASTE DISPOSAL METHOD:

DISPOSE OF BY MEANS AS TO COMPLY WITH LOCAL, STATE AND FEDERAL REGULATIONS OR CONTACT AN APPROVED AND LICENSED DISPOSAL AGENCY.

SECTION VIII. PROTECTION INFORMATION

RESPIRATORY PROTECTION (specify type): Respirators for high dust level usage

VENTILATION: 
  LOCAL 
  SPECIAL
  MECHANICAL 
  OTHER

PROTECTIVE GLOVES: None

EYE PROTECTION: Safety Glasses

OTHER PROTECTIVE EQUIPMENT: None

SECTION IX. HANDLING AND STORAGE PRECAUTIONS

STORAGE AND HANDLING: Store in cool dry place

SECTION X. MISCELLANEOUS INFORMATION

INFORMATION FURNISHED BY: R.L. Blaine 
TITLE: Manager, Applications Development

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