



MATERIAL SAFETY DATA SHEET

SECTION I. IDENTIFICATION OF PRODUCT

CHEMICAL NAME: Polystyrene

FORMULA: N/A

SYNONYM OR CROSS REFERENCE:

SECTION II. HAZARDOUS INGREDIENTS

MATERIAL: Polystyrene

NATURE OF HAZARD: Irritant in powder form

SECTION III. PHYSICAL DATA

BOILING POINT:

MELTING POINT:

VAPOR PRESSURE (mm Hg):

SPECIFIC GRAVITY:

VAPOR DENSITY (AIR = 1):

PERCENTAGE VOLATILE BY VOLUME (%):

WATER SOLUBILITY:

EVAPORATION RATE:

APPEARANCE: Colorless solid

SECTION IV. FIRE AND EXPLOSION HAZARD DATA

FLASH POINT (method used):

FLAMMABLE LIMITS

Uel

Lel

(°F) Not Applicable

Not Applicable

FIRE EXTINGUISHING MEDIA: Water Spray

SPECIAL FIRE-FIGHTING PROCEDURES: SCBA - Protective clothing

SECTION V. HEALTH HAZARD

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:	UNSTABLE	X	CONDITIONS TO AVOID
	STABLE		Combustion

INCOMPATIBILITY (materials to avoid): Strong oxidizing agents

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO₂

HAZARDOUS POLYMERIZATION:	MAY OCCUR		CONDITIONS TO AVOID:
	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: 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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