

# MATERIAL SAFETY DATA SHEET

For R&D use only. Not for drug, household or other uses.

Click <http://www.lookchem.com/cas-901/9017-21-4.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
9017-21-4  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
POLYMETHYLSTYRENE

**Other REC Limits:**  
N/K

**OSHA PEL:**  
N/K  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
N/K  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
NONE REQUIRED. FILTERED RESPIRATOR IS RECOMMENDED FOR AEROSOL/DUST PRODUCTION.

**Ventilation:**  
NORMAL IS SUFFICIENT FOR MOST APPLICATIONS

**Protective Gloves:**  
RECOMMENDED

**Eye Protection:**  
HIGHLY RECOMMENDED

**Other Protective Equipment:**  
Equipment RECOMMENDED

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
N/K

## Health Hazards Data

**LD50LC50Mixture:**  
N/P

**Route Of Entry Inds - Inhalation:**  
NO

**Skin:**  
NO

**Ingestion:**  
YES

**Carcinogenicity Inds - NTP:**  
NO

**IARC:**  
NO

**OSHA:**  
NO

**Health Hazards Acute And Chronic:**  
EYES: POSSIBLE MINOR IRRITATION. SKIN: NON-IRRITATING, EXCEPT FOR PROLONGED/REPEATED EXPOSURE. INGESTION: POSSIBLE MINOR GASTRIC IRRITATION.

**Explanation Of Carcinogenicity:**  
NONE

**Signs And Symptions Of Overexposure:**  
IRRITATION

**Medical Cond Aggravated By Exposure:**  
N/K

**First Aid:**  
EYES: WASH THOROUGHLY W/WATER. SKIN: WASH W/SOAP & WATER. INHALATION: REMOVE TO CLEAN AIR. INGESTION: FOR LARGE VOLUMES, INDUCE VOMITING. OBTAIN MEDICAL ATTENTION IN ALL CASES.

**Spill Release Procedures:**  
AVOID CREATING, INGESTING/INHALING DUSTS/AEROSOLS. WIPE/WASH UP THE MATERIAL. SURFACES COVERED W/DRIED MICROSPHERES MAY BECOME SLIPPERY.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
SMALL: (1LITER/LESS)-MAY BE DISPOSED OF IN LABORATORY SINKS/DRAINS. FLUSH W/WATER. LARGE: MATERIAL MAY CLOG DRAINS, BURY LARGE AMOUNTS OF DRIED MATERIAL IN APPROVED LANDFILL IN ACCORDANCE W/LOCAL, STA TE & FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
STORE BETWEEN 39.2 & 77F. DON'T FREEZE. KEEP TIGHTLY SEALED TO PREVENT CONTAMINATION. AVOID DAMAGING/PUNCTURING CONTAINERS. 3

**Other Precautions:**  
DON'T DISPERSE INTO THE WORKPLACE. AVOID CREATING, INGESTING/INHALING DUSTS/AEROSOLS OF FINE PARTICLES.

## Fire and Explosion Hazard Information

**Flash Point Method:**  
N/P

**Flash Point:**

**Flash Point Text:**  
NON-FLAMMABLE

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/A

**Lower Limits:**  
N/K

**Upper Limits:**  
N/K

**Extinguishing Media:**  
CO2, WATER/DRY CHEMICAL

**Fire Fighting Procedures:**  
USE SUITABLE BREATHING EQUIPMENT.

**Unusual Fire/Explosion Hazard:**  
COMBUSTION CAN PRODUCE NOXIOUS GASES.

## Physical/Chemical Properties

**HCC:**

**NRC/State LIC No:**

**Net Prop WT For Ammo:**

**Boiling Point:**

**B.P. Text:**  
212F

**Melt/Freeze Pt:**

**M.P/F.P Text:**  
N/K

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
N/K

**Volatile Org Content %:**

**Spec Gravity:**  
1-1.05

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/P

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
INSOLUBLE

**Appearance and Odor:**  
MILKY WHITE TO COLORLESS LIQUID

**Percent Volatiles by Volume:**  
89-99

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
YES

**Stability Condition To Avoid:**  
FREEZING

**Materials To Avoid:**  
HIGHLY IONIC SOLUTIONS

**Hazardous Decomposition Products:**  
NOXIOUS &HAZARDOUS GASES, CO

**Hazardous Polymerization Indicator:**  
NO

**Conditions To Avoid Polymerization:**  
N/K

## Toxicological Information

**Information:**N/P

## MSDS Transport Information

**Information:**N/P

## Regulatory Information

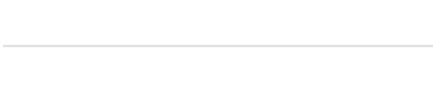
**Sara Title III Information:** N/P

**Federal Regulatory Information:** N/P

**State Regulatory Information:** N/P

## Other Information

**Other Information:**N/P



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### WARRANTY

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