

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-901/9016-87-9.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**

9016-87-9

**Code:**

M

**RTECS:**

TR0350000

**Code:**

M

**Name:**

POLYMETHYLENE POLYPHENYLENE POLYISOCYANATE

**Other REC Limits:**

NONE RECOMMENDED

**OSHA PEL:**

NOT ESTABLISHED

**Code:**

M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**

NOT ESTABLISHED

**Code:**

M

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

NIOSH/OSHA APPROVED ORGANIC VAPOR-TYPE RESPIRATOR RECOMMENDED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROLS.

**Ventilation:**

BY LAW, THE EXPOSURE MUST BE REDUCED TO OR BELOW THE PEL. IF NECESSARY, CONSULT A SPECIALIST FOR THE PROPER VENTILATION.

**Protective Gloves:**

RUBBER OR NEOPRENE

**Eye Protection:**

SPLASH GOGGLES

**Other Protective Equipment:**

Equipment 4 USE PROTECTIVE CLOTHING IMPERVIOUS TO THIS MATERIAL.

**Work Hygienic Practices:**

NONE SPECIFIED BY MANUFACTURER.

**Supplemental Safety and Health:**

KEY 1: HCC-F3.

## Health Hazards Data

**LD50/LC50 Mixture:**

NONE SPECIFIED BY MANUFACTURER.

**Route Of Entry Inds - Inhalation:**

YES

**Skin:**

YES

**Ingestion:**

YES

**Carcinogenicity Inds - NTP:**

NO

**IARC:**

NO

**OSHA:**

NO

**Health Hazards Acute And Chronic:**

EYES: MAY CAUSE IRRITATION. SKIN: MAY CAUSE IRRITATION OR SENSITIZATION. INHALATION: MAY CAUSE RESPIRATORY IRRITATION OR CENTRAL NERVOUS SYSTEM DEPRESSION. SYMPTOMS COULD BE IMMEDIATE OR DELAYED AND INCLUDE CHEST TIGHTNESS, RESPIRATORY DISTRESS, OR ASTHMATIC ATTACK. MAY CAUSE HEADACHE, NAUSEA, DIZZINESS, FATIGUE.

**Explanation Of Carcinogenicity:**

THIS PRODUCT CONTAINS A CHEMICAL KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER, BIRTH DEFECTS, REPRODUCTIVE HARM.

**Signs And Symptoms Of Overexposure:**

SEE HEALTH HAZARDS

**Medical Cond Aggravated By Exposure:**

NONE SPECIFIED BY MANUFACTURER.

**First Aid:**

EYES: FLUSH EYES WITH WATER FOR AT LEAST 15 MINUTES AND GET MEDICAL ATTENTION. SKIN: WASH WELL WITH SOAP AND WATER. INHALATION: REMOVE PERSON TO FRESH AIR AND GET MEDICAL ATTENTION. INGESTION: GET MEDICAL ATTENTION IMMEDIATELY. DO NOT INDUCE VOMITING UNLESS DIRECTED TO DO SO BY MEDICAL PERSONNEL.

**Spill Release Procedures:**

SECURE IGNITION SOURCES. WEAR PROTECTIVE EQUIPMENT. DIKE, IF NECESSARY TO PREVENT SPREAD OF SPILL. COVER AND CONTAIN SPILL WITH ABSORBENT MATERIAL. USE NON-SPARKING TOOLS. PUMP 3 DIKED MATERIAL AND SCOOP ABSORBED MATERIAL INTO CONTAINER(S) FOR DISPOSAL.

**Neutralizing Agent:**

NONE SPECIFIED BY MANUFACTURER.

**Waste Disposal Methods:**

DISPOSE OF IN COMPLIANCE WITH ALL APPLICABLE FEDERAL, STATE/PROVINCIAL AND LOCAL STATUS REGARDING THE MANAGEMENT, USE, HANDLING, TREATMENT, STORAGE, DISPOSAL AND TRANSPORTATION OF HAZARDOUS WASTE.

**Handling And Storage Precautions:**

FLAMMABLE. KEEP FROM HEAT, SPARKS AND FLAME. USE APPROPRIATE GROUNDING EQUIPMENT WHILE HANDLING THIS MATERIAL.

**Other Precautions:**

STORE INDOORS IN TIGHTLY CLOSED CONTAINERS. STORE BETWEEN 50F AND 95F.

## Fire and Explosion Hazard Information

**Flash Point Method:**

SCC

**Flash Point:**

=-11.1C, 12.F

**Flash Point Text:**

12F,-11C

**Autoignition Temp:**

N/A

**Autoignition Temp Text:**

N/A

**Lower Limits:**

N/R

**Upper Limits:**

N/R

**Extinguishing Media:**

CARBON DIOXIDE, DRY CHEMICAL, FOAM

**Fire Fighting Procedures:**

FIRE FIGHTERS SHOULD WEAR SELF-CONTAINED, BREATHING APPARATUS.

**Unusual Fire/Explosion Hazard:**

VAPORS ARE HEAVIER THAN AIR AND MAY TRAVEL ALONG THE GROUND OR BY VENTILATION TO IGNITION SOURCES FAR FROM MATERIAL HANDLING POINT. EXTREMELY FLAMMABLE.

## Physical/Chemical Properties

**HCC:**

F2

**NRC/State Lc No:**

NONE SPECIFIED BY MANUFACTURER.

**Net Prop WT For Ammo:**

NONE

**Boiling Point:**

=56.1C, 133.F

**B.P. Text:**

133F,56C

**Melt/Freeze Pt:**

N/R

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

N/R

**Decomp Temp:**

N/A

**Autoignition Temp:**

N/A

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