

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-937/93763-70-3.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

93763-70-3

### Code:

M

### RTECS:

SD5254000

### Code:

M

### Name:

PERLITE

### Other REC Limits:

N/K 4

### OSHA PEL:

15MG/M3 TDUST;5RDUST

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

10 MG/M3 TDUST

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N).

### Ventilation:

NONE SPECIFIED BY MANUFACTURER.

### Protective Gloves:

NEOPRENE GLOVES.

### Eye Protection:

CHEMICAL WORKERS GOGGLES (FP N).

### Other Protective Equipment:

Equipment NONE SPECIFIED BY MANUFACTURER.

### Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING. WASH CLOTHING AFTER USE.

### Supplemental Safety and Health:

13 EFTS OF OVEREXP:ANESTHETIC EFFECTS. CHRONIC: ING 5:LUNG DISORDERS/INSUFFICIENCY. ING 8:INHALATION CAUSES SILICOSIS.

## Health Hazards Data

### LD50LC50Mixture:

SEE INGREDIENTS 1 & 4.

### Route Of Entry Inds - Inhalation:

YES

### Skin:

NO

### Ingestion:

YES

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

DETONATION MAY CAUSE SEVERE PHYSICAL INJURY, INCL DEATH. NITROGEN OXIDE FUMES MAY CAUSE SKIN, EYE/RESP SYSTEM IRRIT, SYSTEMIC TOX, OXIDATION OF LUNG TISS, EMPHYSEMA, BRONCH, & BRONCHOPNEUMONIA, ASPHY, PULM EDEMA & DEATH. ACUTE:ING 1-3:SKIN:IRRIT W/DISCOMFORT/RASH.INGEST:IRRIT. ING 1,2,4,9:EYE:IRRIT W/ (EFTS OF OVEREXP)

### Explanation Of Carcinogenicity:

NOT RELEVANT.

### Signs And Symptoms Of Overexposure:

11 HLTH HAZ:DISCOMFORT, TEARING/BLURRING OF VISION. ING 3:CYANOSIS. ING 4:NAUS, VOMIT, CRAMPS, HDCH & CONVL. ING 5:TEMP LUNG IRRIT EFTS W/COUGH, DISCOMFORT, DFCLTY BRTHG OR SHORTNESS OF BREATH. LUNG DISO RDERS/INSUFFICIENCY. ING 9:NAUS, HDCH, WEAKNESS, LOSS OF KIDNEY FUNCTION, EDEMA, UREMIA, TEMP NERV SYS DEPRESS (SUPDAT)

### Medical Cond Aggravated By Exposure:

PREEEXISTING DISEASES OF THE LUNGS.

### First Aid:

SKIN:FLUSH WITH WATER. EYE:IMMEDIATELY FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINUTES. CALL MD. INGEST:INDUCE VOMIT IMMED BY GIVING 2 GLASSES OF WATER & STICKING FINGER DOWN THROAT. NEVER GIVE ANYTHING BY MOUTH TO UNCON PERS. CALL MD. INHAL:MOVE TO FRESH AIR. IF NOT BRTHG, GIVE ARTF RESP, PREF MOUTH-TO-MOUTH. IF BRTHG DFCLT, GIVE OXYGEN.CALL MD. IF DETONATION CAUSES PHYSICAL INJURY, GET MD IMMED.

### Spill Release Procedures:

REVIEW "FIRE AND EXPLOSION HAZARDS" AND "SAFETY PRECAUTIONS" BEFORE PROCEEDING W/CLEAN UP. USE APPROPRIATE PROTECTIVE EQUIPMENT DURING CLEAN UP.

### Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

### Waste Disposal Methods:

DO NOT BURN. CONSULT EXPLO MFR FOR REC METHODS OF DESTROYING EXPLO MATLS. COMPLY W/APPLIC FED REGULATIONS UNDER AUTHORITY OF RCRA (40 CFR, PARTS 260-271). DO NOT FLUSH TO SURF WATER/SANITARY SEWER SYS . DISP MUST BE I/A/W FED, STATE & LOC REGS (FP N).

### Handling And Storage Precautions:

STORE IN WELL VENTILATED, COOL AREA. DO NOT STORE WITH OTHER EXPLOSIVES. STORE I/A/W NFPA REGULATIONS & FEDERAL REGS. STORE IN APPROVED TYPE MAGAZINE.

### Other Precautions:

DO NOT STORE OR CONSUME FOOD, DRINK OR TOBACCO IN AREAS WHERE THEY MAY BECOME CONTAM W/MATL. KEEP AWAY FROM HEAT, SPARKS, & FLAMES. KEEP CNTNR IN COOL PLACE. DO NOT MIX WITH ACIDS, ALKALIES, OXIDANTS. AVOID BRTHG VAPS/MIST & CNTCT W/EYES.

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

N/P

### Flash Point Text:

N/K 12

### Autoignition Temp:

N/A

### Autoignition Temp Text:

N/A

### Lower Limits:

N/K

### Upper Limits:

N/K

### Extinguishing Media:

NONE.

### Fire Fighting Procedures:

DO NOT FIGHT FIRE. KEEP PERSONNEL REMOVED AND UPWIND OF FIRE. ISOLATE AREA. EVACUATE PERSONNEL TO SAFE AREA.

### Unusual Fire/Explosion Hazard:

CLASS A EXPLOSIVE (DOT). WILL DETONATE IF SUITABLY PRIMED, WITH SEVERE IMPACT/BY HEAT/FLAME. HAZARDOUS GASES PRODUCED IN FIRE ARE NO\*X, SILICA & ALUMINA FUMES.

## Physical/Chemical Properties

### HCC:

### NRC/State Lic No:

### Net Prop WT For Ammo:

N/P

### Boiling Point:

N/P

### Melt/Freeze Pt:

N/P

### M.P/F.P Text:

N/K

### Decomp Temp:

N/P

### Decomp Text:

N/K

### Vapor Pres:

N/K

### Vapor Density:

N/K

### Volatile Org Content %:

N/K

### 0.8-1.4:

### VOC Pounds/Gallon:

N/P

### PH: N/K

### VOC Grams/Liter:

N/P

### Viscosity:

N/P

### Evaporation Rate & Reference:

N/K

### Solubility in Water:

N/K

### Appearance and Odor:

WHITE TO GRAY RUBBER-LIKE GEL

### Percent Volatiles by Volume:

N/K

### Corrosion Rate:

N/K

### Reactivity Data:

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## 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: