

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-769-7699-41-4.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

7699-41-4

### Code:

M

### RTECS:

VV8850000

### Code:

M

### Name:

SILICA, AMORPHOUS, PRECIPITATED AND GEL

### Other REC Limits:

NONE RECOMMENDED

### OSHA PEL:

20 MPPCF

### Code:

M

### OSHA STEL:

### Code:

### ACGIH TLV:

10 MG/M3 TDUST; 9293

### Code:

M

### ACGIH STEL:

N/P

### Code:

## Control Measures

### Respiratory Protection:

NONE NORMALLY REQUIRED. NIOSH/MSHA-APPROVED RESPIRATOR WITH CARTRIDGE FOR DUST/FUMES IN ENCLOSED PLACES OR WHERE EXPOSURE LEVELS ARE EXCEEDED.

### Ventilation:

MECHANICAL (GENERAL) VENTILATION AND/OR LOCAL EXHAUST VENTILATION TO KEEP EXPOSURE LEVELS BELOW PEL.

### Protective Gloves:

RUBBER GLOVES.

### Eye Protection:

CHEMICAL SPLASH GOGGLES.

### Other Protective Equipment:

Equipment PROTECTIVE CLOTHING AS REQUIRED TO MINIMIZE EXPOSURE FROM PROLONGED OR REPEATED CONTACT. EYE BATH AND SAFETY SHOWER.

### Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

### Supplemental Safety and Health:

5 NONE.

## Health Hazards Data

### LD50/LC50 Mixture:

LD 50 ORAL RAT IS UNKNOWN

### Route Of Entry Inds - Inhalation:

YES

### Skin:

YES

### Ingestion:

NO

### Carcinogenicity Inds - NTP:

NO

### IARC:

NO

### OSHA:

NO

### Health Hazards Acute And Chronic:

ACUTE: EYE, SKIN AND UPPER RESPIRATORY TRACT IRRITATION. CONJUNCTIVITIS, TEMPORARY OR PERMANENT LUNG DAMAGE. INGESTION MAY CAUSE INTESTINAL DISORDERS. CHRONIC: DERMATITIS.

### Explanation Of Carcinogenicity:

NONE OF THE INGREDIENTS IN THIS PRODUCT IS LISTED BY NTP, IARC OR OSHA AS A CARCINOGEN.

### Signs And Symptoms Of Overexposure:

EYES/SKIN: IRRITATION, DERMATITIS. INHALATION: UPPER RESPIRATORY TRACT IRRITATION. INGESTION: STOMACH UPSET, INTESTINAL DISORDER.

### Medical Cond Aggravated By Exposure:

INDIVIDUALS WITH A HISTORY OF SKIN AND RESPIRATORY DISORDERS MAY BE AT INCREASED RISK FROM EXPOSURE.

### First Aid:

EYES/SKIN: FLUSH WITH PLENTY OF WATER FOR AT LEAST 15 MINUTES. GET PROMPT MEDICAL ATTENTION. INHALATION: REMOVE VICTIM TO FRESH AIR. GIVE OXYGEN/CPR IF NEEDED. GET MEDICAL ATTENTION IMMEDIATELY. INGESTION: GIVE EMMETICS TO CAUSE VOMITING. STOMACH SIPHON MAY ALSO BE APPLIED. AVOID MILK AND FATTY ACIDS. GET MEDICAL ATTENTION IMMEDIATELY.

### Spill Release Procedures:

REMOVE PERSONNEL. WEAR DUST RESPIRATOR AND SAFETY GLASSES. VACUUMING AND/OR WET METHODS OF CLEAN-UP ARE PREFERRED. PLACE IN APPROPRIATE CONTAINERS FOR DISPOSAL KEEPING AIRBORNE PARTICULATES AT A MINIMUM.

### Neutralizing Agent:

NOT APPLICABLE

### Waste Disposal Methods:

CONTACT YOUR LOCAL ENVIRONMENTAL OFFICER. DISPOSE OF IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

### Handling And Storage Precautions:

STORE IN COOL, DRY, WELL VENTILATED AREA. KEEP CONTAINERS CLOSED.

### Other Precautions:

NONE NOTED.

## Fire and Explosion Hazard Information

### Flash Point Method:

N/P

### Flash Point:

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### Flash Point Text:

N/R

### Autoignition Temp:

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### Autoignition Temp Text:

N/R 4

### Lower Limits:

N/R

### Upper Limits:

N/R

### Extinguishing Media:

USE WATER SPRAY, FOAM, OR DRY CHEMICAL.

### Fire Fighting Procedures:

WEAR FIRE FIGHTING PROTECTIVE EQUIPMENT AND A FULL FACED SELF CONTAINED BREATHING APPARATUS. COOL FIRE EXPOSED CONTAINERS WITH WATER SPRAY.

### Unusual Fire/Explosion Hazard:

NEGLIGIBLE FIRE AND EXPLOSION HAZARD WHEN EXPOSED TO HEAT OR FLAME BY REACTION WITH INCOMPATIBLE MATERIALS. FOR MASSIVE FIRE, FIGHT WITH UNMANNED HOSE HOLDER.

## Physical/Chemical Properties

### HCC:

N1

### NRC/State Lic No:

N/R

### Net Wt For Ammo:

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### B.P. Text:

N/R

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

>290°F, >150

### Decomp Temp:

UNKNOWN

### Decomp Text:

UNKNOWN

### Vapor Pres:

N/R

### Vapor Density:

N/R

### Volatile Org Content %:

UNKNOWN

### Spec Gravity:

>0.64

### VOC Pounds/Gallon:

N/R

### pH:

N/R

### VOC Grams/Liter:

N/R

### Viscosity:

N/R

### Evaporation Rate & Reference:

N/R

### Autoignition Temp:

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N/R 4

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## Toxicological Information

### Information:

N/P

### Information:</