

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

ACGIHSTEL:
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

LD50LC50Mixture:
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. 3

Signs And Symptions 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 EMETICS 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:

Flash Point Text:
N/R

Autoignition Temp:

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:
NEGLECTIBLE 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 Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/R

Melt/Freeze Pt:

M.P/F.P Text:
>2900F,>159

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/R

Vapor Density:
N/R

Volatile Org Content %:

Spec Gravity:
>0.64

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/R

Evaporation Rate & Reference:
N/R

Solubility in Water:
INSOLUBLE

Appearance and Odor:
BLUE GRANULES (SATURATED WITH PINK WATER). ODORLESS.

Percent Volatiles by Volume:
N/R

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
HIGH HEAT, OPEN FLAMES. STABLE UNDER NORMAL TEMPERATURES AND PRESSURES IN SEALED CONTAINERS.

Materials To Avoid:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:
NONE SPECIFIED BY MANUFACTURER.

Hazardous Polymerization Indicator:
NO 6

Conditions To Avoid Polymerization:
NOT APPLICABLE

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