

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-131/1318-74-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
1318-74-7

Code:
M

RTECS:

Code:
X

Name:
ALUMINUM SILICATE

Other REC Limits:
5 MG/M3 RDUST(OSHA)

OSHA PEL:
15 MG/M3 TDUST

Code:
M

OSHA STEL:

Code:

ACGIH TLV:

10 MG/M3

Code:
M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE NIOSH/MSHA APPROVED RESPIRATORS TO REMOVE SOLID AIRBORNE PARTICLES OF OVER SPRAY DURING SPRAY APPLICATIONS. IN RESTRICTED VENTILATION AREAS USE NIOSH/MSHA APPROVED RESPIRATOR DESIGNED TO REMOVE BOTH PARTICLES AND VAPOR.

Ventilation:
SUFFICIENT VENTILATION IN VOLUME AND PATTERN SHOULD BE PROVIDED TO KEEP AIR CONTAMINATION BELOW OSHA'S CURRENT PELS.

Protective Gloves:
IMPERVIOUS NATURAL RUBBER GLOVES.

Eye Protection:
SAFETY GOGGLES WITH OPTIONAL FACE SHIELD

Other Protective Equipment:
Equipment PREVENT PROLONGED SKIN CONTACT BY USING CLEAN WORK CLOTHING, INCLUDING A HAT.

Work Hygienic Practices:

WASH HANDS BEFORE EATING, SMOKING OR USING WASHROOM FACILITIES. DO NOT WEAR CONTAMINATED CLOTHING OR FOOTWEAR.

Supplemental Safety and Health:

GROUND CONTAINERS WHEN POURING LIQUIDS AND POWDERS TO AVOID STATIC CHARGE BUILD UP. DO NOT HANDLE UNTIL MANUFACTURES SAFETY PRECAUTIONS HAVE BEEN READ AND UNDERSTOOD. PROVIDE ADEQUATE VENTILATION OR RESPIRATORY PROTECTION TO REMOVE DECOMPOSITION PRODUCTS DURING WELDING OR FLAME CUTTING COATED SURFACES.

Health Hazards Data

LD50/LC50 Mixture:
LD50 (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 AND SKIN IRRITATION MAY OCCUR WITH OVEREXPOSURE. CONTINUED BREATHING OF VAPORS MAY IRRITATE RESPIRATORY TRACT CAUSING HEADACHE, NAUSEA AND DIZZINESS. CHRONIC: UNKNOWN.

Explanation Of Carcinogenicity:
NONE OF THE COMPOUNDS IN THIS PRODUCT IS LISTED BY IARC, NTP, OR OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:
EYE, SKIN & RESPIRATORY TRACT IRRITATION, HEADACHE, NAUSEA AND DIZZINESS.

Medical Cond Aggravated By Exposure:
PERSONS WITH A HISTORY OF AILMENTS OR WITH A PRE-EXISTING DISEASE INVOLVING THE EYES, SKIN, OR RESPIRATORY TRACT MAY BE AT INCREASED RISK FROM EXPOSURE.

First Aid:

INHALATION: REMOVE TO FRESH AIR. RESUSCITATE IF NOT BREATHING. TREAT SYMPTOMATICALLY. EYES: IMMEDIATELY FLUSH WITH PLENTY OF WATER FOR 15 MINUTES HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ADVICE. INGESTION: DO NOT INDUCE VOMITING. GIVE 1 OR 2 GLASSES OF WATER IF CONSCIOUS. GET IMMEDIATE MEDICAL HELP.

Spill Release Procedures:

4 ELIMINATE ALL IGNITION SOURCES. WEAR APPROPRIATE PERSONAL PROTECTION EQUIPMENT AND APPROVED RESPIRATOR. CONTAIN SPILL WITH ABSORBENT MATERIAL AND PUT INTO VAPOR TIGHT CONTAINERS. PREVENT MATERIAL FROM CONTACTING ANY WATER SOURCES OR STORM SEWERS.

Neutralizing Agent:

NOT APPLICABLE.

Waste Disposal Methods:

DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions:

STORE IN COMPLIANCE WITH GOOD HOUSEKEEPING PROCEDURES. PROTECT FROM FREEZING, STORE AT TEMPERATURES ABOVE 45 F. PROTECT FROM PHYSICAL DAMAGE.

Other Precautions:

DO NOT TAKE INTERNALLY. DO NOT BREATHE MIST. AVOID PROLONGED OR REPEATED BREATHING OF VAPOR. AVOID CONTACT WITH EYES. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. READ MANUFACTURER'S SAFETY PRECAUTIONS BEFORE USE.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/A

Flash Point Text:

NONE

Autoignition Temp:

N/A

Autoignition Temp Text:

N/A

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

NONE NORMALLY REQUIRED.

Fire Fighting Procedures:

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

H.C.C.:

N1

NRC/State LIC No.:

N/R

Net Prop WT For Ammo:

N/A

Boiling Point:

N/A

B.P. Text:

>212F, >100C

Melt/Freeze Pt.:

N/A

M.P./F.P. Text:

UNKNOWN

Decomp Temp:

N/A

Decomp Text:

UNKNOWN

Vapor Pres:

UNKNOWN

Vapor Density:

<1

Volatile Org Content %:

N/A

Spec Gravity:

1.29

VOC Pounds/Gallon:

N/A

PH:

N/K

VOC Grams/Liter:

N/A

Viscosity:

N/P

Evaporation Rate & Reference:

FASTER THAN ETHER

Appreciable Water:

N/A

Appearance and Odor:

IVORY COLORLESS LATEX PAINT, MILD ACRYLATE ODOR.

Percent Volatiles by Volume:

61.4

Corrosion Rate:

UNKNOWN

Toxicity Data

Stability Indicator:

YES

Stability Condition To Avoid:

PROTECT FROM FREEZING.

Materials To Avoid:

ANY MATERIAL THAT REACTS WITH WATER.

Hazardous Decomposition Products:

PRODUCES HAZARDOUS FUMES WHEN HEATED.

Hazardous Polymerization Indicator:

NO

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

Information:

N/P

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