

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/12003-38-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

12003-38-2

Code:

M

RTECS:**Code:**

X

Name:

MICA

Other REC Limits:

NONE SPECIFIED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE NORMALLY REQUIRED. IF TLV/PEL EXCEEDED OR USED IN CONFINED AREA, USE NIOSH/MSHA APPROVED RESPIRATOR FOR ORGANIC VAPORS.

Ventilation:

USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:

BUTYL

Eye Protection:

SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:

Equipment CLOTHING DESIGNED TO PREVENT PROLONGED OR REPEATED CONTACT.

Work Hygienic Practices:

PRACTICE GOOD PERSONAL HYGENE AFTER USE. DO NOT EAT, DRINK, OR SMOKE IN AREA OF USE.

Supplemental Safety and Health:

NONE SPECIFIED BY MANUFACTURER.

Health Hazards Data

LD50LC50Mixture:

ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

YES

Health Hazards Acute And Chronic:

PROLONGED OR REPEATED SKIN CONTACT MAY CAUSE IRRITATION. CONTACT WITH EYES WILL PRODUCE IRRITATION. INHALATION OF VAPORS OF THERMALLY CURED COATING MAY PRODUCE IRRITATION TO THE LUNG AND MUCOUS MEMBRANES.

Explanation Of Carcinogenicity:

CONTAINS F [50-00-0] WHICH IS LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.

Signs And Symptoms Of Overexposure:

SKIN IRRITATION, EYE IRRITATION, LUNG IRRITATION, MUCOUS MEMBRANE IRRITATION.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

SKIN: FLUSH WITH EXCESS WATER. WASH CONTAMINATED CLOTHING BEFORE REUSE. EYES: IRRIGATE WITH WATER FOR 15 MINUTES. OBTAIN MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. INGESTION: GIVE TWO GLASSES OF WATER. OBTAIN MEDICAL ATTENTION.

Spill Release Procedures:

ABSORB ONTO INORGANIC INERT ABSORBENT. RISE AREA WITH WATER. PLACE SPILLED MATERIAL INTO A CONTAINER FOR DISPOSAL.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

CONTACT LOCAL ENVIRONMENTAL MANAGER. DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A DRY AREA INSIDE AT 40-90F.

Other Precautions:

AVOID SKIN CONTACT.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NOT APPLICABLE

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

NOT GIVEN

Upper Limits:

NOT GIVEN

Extinguishing Media:

3 CARBON DIOXIDE, DRY CHEMICAL, SAND.

Fire Fighting Procedures:

MATERIAL CONTAINS ALUMINUM METAL POWDER, DO NOT USE WATER BASED EXTINGUISHING AGENTS.

Unusual Fire/Explosion Hazard:

DO NOT USE WATER; CONTAINS ALUMINUM POWDER. CONTACT WITH STRONG MINERAL ACIDS OR STRONG ALKALIS WILL PRODUCE HYDROGEN GAS.

Physical/Chemical Properties

HCC:

B3

NRC/State LIC No:**Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

220F,104C

Melt/Freeze Pt:**M.P./F.P. Text:**

UNKNOWN

Decomp Temp:**Decomp Text:**

UNKNOWN

Vapor Pres:

30

Vapor Density:

0.7

Volatile Org Content %:**Spec Gravity:**

1.04

VOC Pounds/Gallon:**PH:**

10-12

VOC Grams/Liter:**N/Viscosity:**

N/

Evaporation Rate & Reference:

1 (H2O=1)

Solubility in Water:**MISCIBLE****Appearance and Odor:**

ALUMINUM COLORED PASTE, ACRYLIC-LIKE ODOR 4

Percent Volatiles by Volume:

78

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE SPECIFIED BY MANUFACTURER.

Materials To Avoid:

STRONG MINERAL ACIDS, STRONG ALKALIS AND STRONG OXIDIZING AGENTS OR REDUCING AGENTS.

Hazardous Decomposition Products:

HYDROGEN GAS, OXIDES OF CARBON.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NONE. WILL NOT OCCUR.

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**

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