

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-110/11099-06-2.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

11099-06-2

Code:

M

RTECS:

Code:

X

Name:

ETHYL SILICATE 40/SILICA ACID, ETHYL ESTER (ETHYL)

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

100 PPM

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

10 PPM

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NONE KNOWN.

Ventilation:

USE ONLY IN WELL VENTILATED AREA.

Protective Gloves:

RUBBER GLOVES.

Eye Protection:

SAFETY GLASSES.

Other Protective Equipment:

Equipment EYE WASH STATION, USE IN WELL VENTILATED AREA.

Work Hygienic Practices:

OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH BEFORE EATING OR DRINKING.

Supplemental Safety and Health:

KEY1:N1. KIT CONSISTS OF INSULATING COMPOUND (RTV11) AND CATALYST (DBT). FORMULA CHANGED. SEE PNI A FOR PREVIOUS FORMULATION. 5

Health Hazards Data

LD50/LC50 Mixture:

LD50 (ORAL, RAT) >40,000 MG/KG

Route Of Entry Inds - Inhalation:

NO

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

TARGET ORGANS: RESPIRATORY AILMENTS, LIVER AND KIDNEY DAMAGE. INGESTION-HARMFUL IF SWALLOWED. SKIN-MAY CAUSE MILD SKIN IRRITATION. INHALATION-MAY CAUSE MILD RESPIRATORY IRRITATION. EYE-MAY IRRITATE EYES.

Explanation Of Carcinogenicity:

3 ABOVE 300 DEGREE FARENHEIT (150C) FORMS FORMALDEHYDE WHICH IS A POTENTIAL CANCER HAZARD, PER MSDS.

Signs And Symptoms Of Overexposure:

NONE SPECIFIED BY MANUFACTURER.

Medical Cond Aggravated By Exposure:

RESPIRATORY, LIVER, KIDNEY, APPLIES IN UNCURSED STATE.

First Aid:

INGESTION-DO NOT INDUCE VOMITING. SLOWLY DILUTE WITH 1-2 GLASSES OF WATER OR MILK & SEEK MEDICAL ATTENTION. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN-WASH WITH SOAP AND WATER. INHALATION-NONE KNOWN. EYES-IMMEDIATELY FLUSH EYES WITH PLENTY OF WATER FOR AT LEAST 15 MIN & GET MEDICAL ATTENTION IF IRRITATION PERSISTS.

Spill Release Procedures:

WIPE, SCRAPE OR SOAK UP SPILL IN AN INERT MATERIAL AND PUT IN A CONTAINER FOR DISPOSAL. WASH WALKING SURFACES WITH DETERGENT AND WATER TO REDUCE SLIPPING HAZARD. INCREASE AREA VENTILATION.

Neutralizing Agent:

NOT RELEVANT

Waste Disposal Methods:

BURY IN A LICENSED LANDFILL OR BURN IN AN APPROVED INCINERATOR IN COMPLIANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:

AVOID CONTACT WITH EYES AND SKIN. USE ONLY IN WELL VENTILATED AREA. CAUTION!

Other Precautions:

AVOID CONTACT WITH EYES, SKIN OR CLOTHING. AVOID INHALATION OF VAPOR. WASH THOROUGHLY AFTER HANDLING MATERIAL. KEEP OUT OF REACH OF SMALL CHILDREN. DO NOT INGEST.

Fire and Explosion Hazard Information

Flash Point Method:

COC

Flash Point:

Flash Point Text:

570F,299C 4

Autoignition Temp:

Autoignition Temp Text:

N/K

Lower Limits:

UNKNOWN

Upper Limits:

UNKNOWN

Extinguishing Media:

ALL STANDARD FIREFIGHTING MEDIA.

Fire Fighting Procedures:

NONE KNOWN.

Unusual Fire/Explosion Hazard:

NONE SPECIFIED BY MANUFACTURER.

Physical/Chemical Properties

HCC:

T6

NRC/State LC No:

N/R

Net Prop WT For Ammo:

NO

Boiling Point:

NO

B.P. Text:

UNKNOWN

Melt/Freeze Pt:

Melt/Freeze Pt

M.P./F.P. Text:

UNKNOWN

Decomp Temp:

Decomp Temp

Decomp Text:

300F,149C

Vapor Pres:

UNKNOWN

Vapor Density:

UNKNOWN

Volatile Org Content %:

NO

Spec Gravity:

1.2

VOC Pounds/Gallon:

NO

PH:

PH: N/R

VOC Grams/Liter:

NO

Viscosity:

UNKNOWN

Evaporation Rate & Reference:

>1 (N-BUTYL ACETATE=1)

Corrosion Rate:

UNKNOWN

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE KNOWN.

Materials To Avoid:

NONE KNOWN.

Hazardous Decomposition Products:

CARBON MONOXIDE, CARBON DIOXIDE, FORMALDEHYDE, ETHANOL.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT RELEVANT

Other Information:

NO

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

Physical/Chemical Properties

Color:

NO COLOR

Odor:

NO ODOR

Odor Threshold:

NO

Specific Gravity:

1.2

Boiling Point:

NO

Decomposition Temp:

NO

Flammability:

NO

Flammability (solid):

NO

Flammability (gas):

NO

Flammability (liquid):

NO

Flammability (solid):