

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-107-107-25-5.html> for suppliers of this product.

Composition/Information on Ingredient

107-25-5

Code:
M

RTECS:
KO2300000

Code:
M

Name:
VINYL METHYL ETHER 3 Environmental Wt: Other R

Other REC Limits:
N/K

OSHA PEL:
NOT APPLICABLE

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT APPLICABLE

Code:
M

ACGIH STEL:
N/P

Code:

Control Measures

Respiratory Protection:
IF EXPOSURE MAY OR DOES

TIME 1 HYL ETHER RECOMMENDS 5 PPM TWA AND W. L. GORE ADOPTED 1 PPM OVER 8 HOURS) USE A NIOSH-APPROVED RESPIRATOR TO PREVENT OVEREXPOSURE. IN ACCORD WITH 29 CFR 1910.134 USE EITHER AN ATMOSPHERE-SUPPLYING RESPIRATOR OR AN AIR-PURIFYING RESPIRATOR.

Ventilation:
EXHAUST VENTILATION SUFFICIENT TO KEEP AIRBORNE CONCENTRATIONS BELOW RESPECTIVE TLV'S.

Protective Gloves:
BUTYL RUBBER

Eye Protection:
CHEMICAL GOGGLES, SAFETY GLASSES W/SIDES

Other Protective Equipment:
EQUIPMENT CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:
WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health:
REMOVE AND WASH CONTAMINATED CLOTHING BEFORE REUSE. DISCARD CONTAMINATED SHOES.

LD50LC50Mixture:

NOT GIVEN FOR PRODUCT AS A WHOLE

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
DIRECT EYE CONTACT WILL CAUSE EYE BURNS. VAPORS ARE IRRITATING TO EYES. DIRECT CONTACT WITH SKIN WILL CAUSE IRRITATION AND POSSIBLE BURNS. MATERIAL CAN BE ABSORBED THROUGH THE SKIN. INGESTION WILL CAUSE BURNS TO MOUTH, ESOPHAGUS AND GI TRACT. INHALATION CAN CAUSE BREATHING DIFFICULTY, IRRITATION, DIZZINESS, DROWSINESS.

Explanation Of Carcinogenicity:
THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Signs And Symptoms Of Overexposure:
EYE BURNS, EYE IRRITATION, SKIN BURNS, SKIN IRRITATION, BURNS TO MOUTH/ESOPHAGUS/GI TRACT, BREATHING DIFFICULTY, RESPIRATORY TRACT IRRITATION, DIZZINESS, DROWSINESS, NAUSEA.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSIST, GET 4 MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET IMMEDIATE MEDICAL ATTENTION.

Spill Release Procedures:
CONTAIN AND COVER WITH INERT MATERIAL SUCH AS SAND OR DIRT. REMOVE ALL SOURCES OF IGNITION. USE NON-SPARKING TOOLS. TRANSFER INTO POLYPROPYLENE DRUMS. USE PROPER PERSONAL PROTECTIVE EQUIPMENT.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS. WASTE MAY BE REGULATED AS IGNITABLE, CORROSIVE WASTE.

Fire and Explosion Hazard Information

Flash Point Method:
PMCC

Flash Point:
=8.C, 46.4F

Flash Point Text:

Autoignition Temp:
=192.2C, 378.F

Autoignition Temp Text:

Lower Limits:
1.80 %

Upper Limits:
10.4 %

Extinguishing Media:
DRY CHEMICAL PREFERABLY WITH A NITROGEN PROPELLENT.

Fire Fighting Procedures:
FIRE FIGHTERS SHOULD WEAR SELF CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE GEAR. COOL TANKS AND CONTAINERS EXPOSED TO FIRE WITH WATER. 5

Unusual Fire/Explosion Hazard:
EXTREMELY FLAMMABLE. VAPOR EXPLOSION HAZARD. MAY BE IGNITED BY HEAT, SPARKS OR FLAME. VAPORS MAY TRAVEL TO A SOURCE OF IGNITION AND FLASH BACK.

Physical/Chemical Properties

F/

NBC/State LIG Net

Net Prop WT For Ammo:
 6
Boiling Point:
 =85.C, 185.F
B.P. Text:

Melt/Freeze Pt:

M.P/F.P Text:
 NOT GIVEN
Decomp Temp:

Decomp Text:
 UNKNOWN
Vapor Pres:
 48 @ 20C/68F
Vapor Density:
 3.11
Volatile Org Content %:

Spec Gravity:
 0.96
VOC Pounds/Gallon:

PH: >12.5
VOC Grams/Liter:

Viscosity:
 UNKNOWN
Evaporation Rate & Reference:
 5 (N-BUTYL ACETATE=1)
Solubility in Water:
 NOT GIVEN
Appearance and Odor:
 GREEN-BLACK LIQUID, MOTHBALL/ETHER ODOR
Percent Volatiles by Volume:
 N/K
Corrosion Rate:
 UNKNOWN

Stability Indicator:

YES

Stability Condition To Avoid:
HIGH TEMPERATURES, SPARKS, OPEN FLAMES

Materials To Avoid:
OXIDIZING AGENTS, STRONG ACIDS, WATER

Hazardous Decomposition Products:
REACTS WITH WATER TO FORM CAUSTIC SODA, NAPHTHALENE, SMALL AMOUNTS OF HYDROGEN AND POLYCYCLIC COMPOUNDS.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NONE. WILL NOT OCCUR.

Toxicological Information

MSDS Tra

Regulato

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Other Information:N/P

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

WARRANTY

The above information is believed to be correct but does not purport to be all inclusive and shall be used only as a guide. The information in this document is based on the present state of our knowledge and is