

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-75/75-38-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
75-38-7

Code:
M

RTECS:
KW0560000

Code:
M

Name:
ETHYLENE 1,1-DIFLUORO-, (VINYLIDENE FLUORIDE); (V

Other REC Limits:
N/K

OSHA PEL:
N/K (FP N)

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
N/K (FP N)

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NIOSH/MSHA APPROVED RESPIRATOR APPROPRIATE FOR EXPOSURE OF CONCERN (FP N). RESPIRATORY PROTECTION NOT NORMALLY NEEDED. AVOID PROLONGED BREATHING OF DECOMPOSITION PRODUCTS.

Ventilation:
USE ONLY IN OPEN AREAS W/ADEQUATE VENTILATION.

Protective Gloves:
IMPERVIOUS GLOVES (FP N).

Eye Protection:
ANSI APPROVED CHEM WORKERS GOGGS (FP N).

Other Protective Equipment:
Equipment EYE WASH FOUNTAIN & DELUGE SHOWER WHICH MEET ANSI DESIGN CRITERIA (FP N).

Work Hygienic Practices:
NONE SPECIFIED BY MANUFACTURER. 5

Supplemental Safety and Health:
SPILL PROC:EXPER IN HNDLG ENERGETIC MATLS. USE NON-SPARKING TOOLS & AVOID SUBJECTING MATLS TO MECH SHOCK. IF ADDNL MATL MANAGEMENT INFO IS REQD, PLEASE CONT MEI AT (904) 584-2634. NO EXTRA PROT REQD B EYOND THAT LISTED. IN CASE OF FIRE, USE NORMAL FIRE-FIGHTING EQUIP. USE NIOSH/MSHA APPRVD SCBA IF SMOKE FROM (ING 11)

Health Hazards Data

LD50LC50Mixture:
NONE SPECIFIED BY MANUFACTURER.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE:INHAL/SKIN/EYE:MINOR IRRITATION. INGEST:NOT A VIABLE ROUTE. CHRONIC:INHAL/SKIN:MINOR IRRITATION. INGEST:NOT A VIABLE ROUTE. CARCINOGENITY:POSSIBLE WHEN EXPOSED TO DECOMPOSITION PRODUCTS AT HIGH CONCENTRATIONS.

Explanation Of Carcinogenicity:
NOT RELEVANT

Signs And Symptoms Of Overexposure:
SEE HEALTH HAZARDS.

Medical Cond Aggravated By Exposure:
NONE KNOWN OR REPORTED.

First Aid:
INGEST:CALL MD IMMEDIATELY (FP N). EYES:IMMEDIATELY FLUSH W/LARGE AMOUNTS OF WATER FOR AT LEAST 15 MINUTES, OCCASIONALLY LIFTING UPPER & LOWER EYELIDS. IF IRRITATION DEVELOPS, CALL MD. SKIN:FOR BURNS USE STANDARD FIRST AID METHODS. INHAL:REMOVE TO FRESH AIR. CONSULT MD IF IRRITATION OCCURS.

Spill Release Procedures:
CONSULT FED, STATE & LOC REGS FOR ANY REPORTING/NOTIFICATION REQUIREMENTS. THIS PROD MAY REPRESENT EXPLO HAZ. REMOVE ALL SOURCES OF IGNIT. S SOURCE OF SPILL AS SOON AS POSS & NOTIFY APPROP PERS. MA TL SPILL SHOULD ONLY BE ADDRESSED BY PERS (SUPDAT)

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
4 DISPOSAL OF MATERIAL, DECOMPOSITION PRODUCTS & EMPTY CONTAINERS I/A/W ALL LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions:
STORE IN A COOL, DRY PLACE AWAY FROM ALL SOURCES OF IGNITION. DO NOT STORE AT TEMPERATURES >65.5C(150F). DO NOT SUBJECT TO MECHANICAL SHOCK.

Other Precautions:
SHELF LIFE LIMITATIONS: INDEFINITE AT 50-90F & 35% RELATIVE HUMIDITY. PACKAGE ONLY IN DOT APPROVED CONTAINERS. AVOID SKIN CONTACT W/MATERIALS & DECOMPOSITION PRODUCTS.

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:
N/A

Upper Limits:
N/A

Extinguishing Media:
WATER SPRAY. APPLY BY MECH MEANS ONLY. FIGHT ALL FIRES FROM REMOTE & EXPLO RESISTANT SITE. EVACUATE ALL NON-ESSNTL PERS.

Fire Fighting Procedures:
USE NIOSH/MSHA APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N). USE WATER TO COOL CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:
EXPLOSIVE.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/K

Melt /Freeze Pt:

M.P/F.P Text:
N/K

Decomp Temp:

Decomp Text:
>180F,>82C

Vapor Pres:
N/K

Vapor Density:
N/A

Volatile Org Content %:

Spec Gravity:
N/A

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT APPLICABLE

Solubility in Water:
NOT APPLICABLE

Appearance and Odor:
6" LONG X 2" DIAMETER MOLDED PLASTIC HOUSING W/REMOVABLE PLASTIC CAP; NO ODOR.

Percent Volatiles by Volume:
N/A

Corrosion Rate:
N/K

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
OPEN FLAMES. TEMPERATURES >82C.

Materials To Avoid:
NOT APPLICABLE

Hazardous Decomposition Products:
COMPOUNDS OF FLUOROCARBONS & CARBON DIOXIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

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