

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-250/25038-71-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

25038-71-5

Code:

M

RTECS:**Code:**

X

Name:

ALEX (TETRAFLUOROETHYLENE-ETHYLENE COPOLYMER) *93

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

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

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

USE NIOSH APPROVED ORGANIC VAPOR CARTRIDGE RESPIRATOR.

Ventilation:

GENERAL MECHANICAL & LOCAL EXHAUST IN ACCORDANCE W/ACGIH RECOMMENDATIONS.

Protective Gloves:

IMPERMEABLE

Eye Protection:

SPLASH-PROOF CHEMICAL GOGGLES

Other Protective Equipment:

Equipment N/K

Work Hygienic Practices:

WASH THOROUGHLY AFTER HANDLING. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

NOTE TO PHYSICIAN: A TEMPORARY CONDITION KNOWN AS POLYMER FUME FEVER (CHEST DISCOMFORT & COUGHING) MAY RESULT FROM A COMBINATION OF SMOKE & INHALED FLOUROPOLYMER.

Health Hazards Data

LD50/LC50 Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

NO

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

SKIN & EYE IRRITANT. INHALATION: ASPHYXANT, NASAL & RESPIRATORY IRRITANT.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

SKIN: DEFATTING. INHALATION: DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, HEADACHE, UNCONSCIOUSNESS, ASPHYXIATION.

Medical Cond Aggravated By Exposure:

SKIN & EYE CONDITIONS

First Aid:

EYES: FLUSH W/PLENTY OF WATER FOR AT LEAST 15 MINS. SKIN: WASH THOROUGHLY W/SOAP & WATER, REMOVE CONTAMINATED CLOTHING. INGESTION: IF CONSCIOUS, DRINK PLENTY OF WATER & DON'T INDUCE VOMITING. INHALATION: REMOVE TO FRESH AIR, GIVE OXYGEN &/OR ARTIFICIAL RESPIRATION IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES. (SEE SUPPLEMENTAL DATA).

Spill Release Procedures:

ABSORB IN ABSORBENT MATERIAL.

Neutralizing Agent:

N/K

Waste Disposal Methods:

CONSULT QUALIFIED PERSONNEL FOR METHOD THAT COMPLIES W/LOCAL, STATE, & FEDERAL REGULATIONS. UN 1956, NON-FLAMMABLE GAS.

Handling And Storage Precautions:

AVOID CONTACT W/SKIN, EYES, CLOTHING. KEEP CONTAINER CLOSED. USE W/ADEQUATE VENTILATION. DO NOT EXPOSE TO HEAT OR STORE ABOVE 120F. AVOID SUNLIGHT.

Other Precautions:

DON'T SMOKE WHEN USING THIS PRODUCT.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:**Flash Point Text:**

NON-FLAMMABLE

Autoignition Temp:

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

3 CO₂, DRY CHEMICAL, FOAM, WATER

Fire Fighting Procedures:

USE SELF-CONTAINED BREATHING APPARATUS. MAY BURST IF EXPOSED TO TEMPERATURES >130 F.

Unusual Fire/Explosion Hazard:

ALTHOUGH TRICHLOROETHANE WILL NOT BURN, CERTAIN MIXTURES IN AIR MAY IGNITE MOMENTARILY IN THE PRESENCE OF SPARK/FLAME. ACID FUMES BE PRESENT DURING FIRE.

Physical/Chemical Properties

HCC:**NRC/State LTC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:****Melt/Freeze Pt:****M.P./F.P. Text:****Decomp Temp:****Decomp Text:****Vapor Pres:****70 PSI****Vapor Density:**

>1

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

N/K

VOC Pounds/Gallon:**VOC Pounds/Gallon:****PH:**

N/K

VOC Grams/Liter:**Viscosity:****Evaporation Rate & Reference:**

(BU AC=1): 1.7

INSOLUBILITY in Water:**INSOLUBLE in Water:****Appearance and Odor:**

WHITE LIQUID, SOLVENT ODOR 4

Percent Volatiles by Volume:

>99

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

DIRECT SUNLIGHT, TEMPERATURES >120F (49C), & OTHER IGNITION SOURCES

Materials To Avoid:

N/K

Hazardous Decomposition Products:

ACID FUMES, HYDROCARBONS

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

N/K

Toxicological Information

Information:

MSDS/Transport Information

Information:

Regulatory Information

Sara Title III Information:

N/P

Federal Regulatory Information:

N/P

State Regulatory Information:

N/P

Other Information

Other Information:**Information:**