

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-230/23038-71-9.html> for suppliers of this product.

Composition/Information on Ingredient

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 INVESTIGATIVE & ECOLOGICAL EXP.

Protective Gloves:

IMPERMEABLE

SPLASH PROOF CHEMICAL GOGGLES

Other Protective Equipment:
Equipment N/K

Work Hygienic Practices: WASH THOROUGHLY AFTER HANDLING. LAUNDRY 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	
LD50LC50Mixture: 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:

Autoignition Temp Text:
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 LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
117 F

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/K

Vapor Pres:
70 PSI

Vapor Density:
>1

Volatile Org Content %:

Spec Gravity:
N/K

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
(BU AC=1): 1.7

Solubility in Water:
INSOLUBLE

Appearance and Odor:
WHITE LIQUID, SOLVENT ODOR 4

Percent Volatiles by Volume:
>99

Corrosion Rate:
N/K

Reactivity Data

Stability indicator:
YES

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

MGDS Treatment Informed

Regulatory Information

Federal Regulatory Information: N/P

State Regulator, Information: 1/1

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