

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-905/9052-95-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9052-95-3

Code:
M

RTECS:

Code:
X

Name:
DIVINYLBENZENE-ETHYLSTYRENE-STYRENE POLYMER

Other REC Limits:
NONE RECOMMENDED

OSHA PEL:
NOT ESTABLISHED

Code:
M

OSHA STEL:

Code:

ACGIH TLV:
NOT ESTABLISHED

Code:
M

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
NONE SHOULD BE NEEDED.

Ventilation:
LOCAL EXHAUST REC. GENERAL VENTILATION. VENTILATION TO CONTROL VAPOR EXPOSURE TO EYES/NOSE/THROAT/SKIN/DIGEST SYSTEM.

Protective Gloves:
WASHING @ MEALS/END OF SHIFT ADEQUATE.

Eye Protection:
PROPER PROTECTION. SAFETY GLASSES MIN.

Other Protective Equipment:
Equipment NK

Work Hygienic Practices:
WASHING HANDS AT END OF DAY OR SHIFT AND AT MEAL TIMES SHOULD BE SUFFICIENT.

Supplemental Safety and Health:
TEMPS >482F CAN CAUSE HIGHLY TOXIC GASEOUS COMPOUNDS, (HYDROGEN CHLORIDE/PERFLUOROHYDROCARBONS). PROVIDE GOOD VENT/RESPRTR IF COULD EXCEED 482F. DONT CONTAMINATE TABACCO PRODUCTS. MAY FORM HIGHLY TOX IC VAPORS OF TRIFLUOROPROPIONALDEHYDE IF HEATED IN AIR >300F. PROVIDE VENT TO CONTROL VAPORS. 5

Health Hazards Data

LD50LC50Mixture:
NK

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
YES

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
EYES: DIRECT CONTACT MAY CAUSE TEMPORARY DISCOMFORT/REDNESS/DRYNESS SIMILAR TO WIND BURN. SKIN: SINGLE PROLONGED EXPOSURE, 24-48 HRS CAUSES NO KNOWN ADVERSE EFFECTS. INHAL: DUST MAY IRRIT NOSE/THROAT. INGESTION: SMALL AMTS TRANSFERRED BY FINGERS DURING USE SHOULD NOT INJURE. LARGE AMTS MAY CAUSE DIGESTIVE DISCOMFORT.

Explanation Of Carcinogenicity:
IARC: STYRENE (GROUP 2B HAZARD) 3

Signs And Symptions Of Overexposure:
INHALATION OF FUMES FROM FIRE DECOMP OF POLYTETRAFLUOROETHYLENE KNOWN TO CAUSE POLYMER FEVER. THIS MATERIAL MAY FORM HIGHLY TOXIC VAPORS OF TRIFLUOROPROPIONALDEHYDE IF HEATED IN AIR ABOVE 300. ABOVE 1 50C MAY FORM FORMALDEHYDE, A KNOWN SKIN/RESPIRATORY SENSITIZER/IRRITANT THAT POTENTIALLY CAUSES CANCER.

Medical Cond Aggravated By Exposure:
NK

First Aid:
EYES: IMMED FLUSH W/WATER. TREAT SYMPTOMATICALLY.

Spill Release Procedures:
DISPOSAL OF COLLECTED PRODUCT/RESIDUES/CLEAN-UP MAT'L MAY BE GOVERNMENTALLY REGULATED. OBSERVE ALL APPLIC LOCAL/STSTE/FED REGS. SCRAPE UP/CONTAIN FOR SALVAGE/DISPOSAL. LOCAL/STATE/FED REPORTING REQ MAY APPLY TO SPILLS.

Neutralizing Agent:
NK

Waste Disposal Methods:
COMPLETE INFORMATION NOT AVAILABLE.

Handling And Storage Precautions:
USE REASONABLE CARE.

Other Precautions:
NK

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
212F,100C

Autoignition Temp:

Autoignition Temp Text:
N/A 4

Lower Limits:
NOT EST.

Upper Limits:
NOT EST.

Extinguishing Media:
CO2, WATER, WATER FOG, DRY CHEMICAL, FOAM.

Fire Fighting Procedures:
SCBA & PROTECTIVE CLOTHING SHOULD BE WORN IN FIGHTING FIRES INVOLVING CHEMICALS. EVACUATE AREA IN CASE OF OVER-HEATING OR FIRE.

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:

NRC/State LIC No:
NK

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NA

Melt/Freeze Pt:

M.P/F.P Text:
NOT EST.

Decomp Temp:

Decomp Text:
NK

Vapor Pres:
NA

Vapor Density:
NA

Volatile Org Content %:

Spec Gravity:
1.36 @ 25C

VOC Pounds/Gallon:

PH: NA

VOC Grams/Liter:

Viscosity:
NK

Evaporation Rate & Reference:
NK

Solubility in Water:
NONE

Appearance and Odor:
WHITE PASTE, SLIGHT ODOR

Percent Volatiles by Volume:
NA

Corrosion Rate:
NK

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NK

Materials To Avoid:
OXIDIZING MATERIALS

Hazardous Decomposition Products:
SILICONE DIOXIDE, CARBON OXIDES, TRACES OF INCOMPLETELY BURNED CARBON COMPOUNDS, CHLORINE COMPOUNDS, FORMALDEHYDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NK 6

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