

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9006-03-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9006-03-5
Code:
M

RTECS:

Code:
X

Name:
CHLORINATED RUBBER

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:
IF ENGINEERING CONTROLS ARE INADEQUATE TO CONTROL VAPOR CONCENTRATIONS TO AN ACCEPTABLE LEVEL, A NIOSH-APPROVED ORGANIC VAPOR RESPIRATOR SHOULD BE WORN. IN EMERGENCY, WEAR NIOSH APPROVED SELF CONTAINED BREATHING APPARATUS.

Ventilation:
MECHANICAL (GENERAL AND/OR LOCAL EXHAUST, EXPLOSION-PROOF) VENTILATION TO MAINTAIN EXPOSURE BELOW TLV(S).

Protective Gloves:
NEOPRENE, NITRILE

Eye Protection:
SAFETY GLASSES - CHEMICAL SPLASH GOGGLES

Other Protective Equipment:
Equipment EYE WASH STATION AND SAFETY SHOWER. INDUSTRIAL-TYPE WORK CLOTHING AND APRON AS REQUIRED.
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Work Hygienic Practices:
USE GOOD PERSONAL HYGIENE PRACTICES. LAUNDER CONTAMINATED CLOTHING BEFORE WEARING.

Supplemental Safety and Health:
FORMULA CHANGED. FOR PREVIOUS FORMULATIONS, SEE PNI A AND B, SAME NSN.

Health Hazards Data

LD50LC50Mixture:
LD50 (ORAL, RAT) IS NOT KNOWN.

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
NO

OSHA:
NO

Health Hazards Acute And Chronic:
TARGET ORGANS:SKIN, CNS, HEART, LUNG, LIVER, KIDNEY. ACUTE- EYE:MAY CAUSE IRRITATION, TEARING. SKIN:IRRITATION & DEFATTING. INHALE:CNS DEPRESSION, UPPER RESPIRATORY TRACT IRRITATION, NARCOSIS. ORAL:CN S DEPRESSION, NARCOSIS. ASPIRATION HAZARD. CHRONIC- MAY CAUSE DERMATITIS, CNS PROBLEMS, KIDNEY & LIVER DAMAGE. 4

Explanation Of Carcinogenicity:
NONE

Signs And Symptions Of Overexposure:
IRRITATION, TEARING, BLURRED VISION, DEFATTING, HEADACHE, DIZZINESS, WEAKNESS, FATIGUE, NAUSEA, VOMITING, DIARRHEA, CONFUSION, DIFFICULTY IN BREATHING, INCOORDINATION, NARCOSIS

Medical Cond Aggravated By Exposure:
INDIVIDUALS WITH PRE-EXISTING DISEASES OF THE EYE, SKIN, RESPIRATORY TRACT, LIVER, KIDNEYS, CNS MAY HAVE INCREASED SUSCEPTIBILITY TO THE TOXICITY OF EXCESSIVE EXPOSURES.

First Aid:
GET MEDICAL HELP IF SYMPTOMS PERSIST. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. EYES:FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. ORAL:CALL A PHYSICIAN IMMEDIATELY. DO NOT INDUCE VOMITING. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON.

Spill Release Procedures:
WEAR PROTECTIVE EQUIPMENT. ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. CONTAIN SPILL. PICK UP SPILL WITH NON-FLAMMABLE ABSORBENT MATERIAL SUCH AS SAND. PLACE IN CONTAINER FOR DISPOSAL. PREVENT LIQUID FROM ENTERING SEWERS, WATERWAYS OR LOW AREAS.

Neutralizing Agent:
NOT RELEVANT

Waste Disposal Methods:
DISPOSAL SHOULD BE MADE IN ACCORDANCE WITH ALL APPLICABLE FEDERAL, STATE AND LOCAL ENVIRONMENTAL REGULATIONS. EPA HAZARDOUS WASTE NUMBERS ARE: D001 (IGNITABLE), D019 (CARBON TETRACHLORIDE), D035 (METHYL ETHYL KETONE) AND D018 (BENZENE).

Handling And Storage Precautions:
STORE IN COOL (60-80F), VENTILATED AREA AWAY FROM SOURCES OF IGNITION & INCOMPATIBLE MATERIALS. BOND AND GROUND CONTAINERS WHEN TRANSFERRING LIQUID.

Other Precautions:
FLAMMABLE. "EMPTY" CONTAINERS MAY RETAIN RESIDUE AND CAN BE DANGEROUS. DO NOT PRESSURIZE, CUT, WELD, BRAZE, SOLDER OR DRILL. KEEP OUT OF REACH OF CHILDREN. AVOID BREATHING VAPORS. DO NOT GET IN EYE, ON SKIN OR ON CLOTHING. AVOID DIRECT SUN.

Fire and Explosion Hazard Information

Flash Point Method:
5 CC

Flash Point:

Flash Point Text:
0F,-18C

Autoignition Temp:

Autoignition Temp Text:
N/K

Lower Limits:
1.36%

Upper Limits:
8.67%

Extinguishing Media:
WATER SPRAY, CARBON DIOXIDE, SAND, FOAM/DRY CHEMICAL. WATER SPRAY MAY BE USED TO KEEP FIRE EXPOSED CONTAINERS COOL.

Fire Fighting Procedures:
WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:
VAPOR IS HEAVIER THAN AIR AND CAN TRAVEL CONSIDERABLE DISTANCE TO A SOURCE OF IGNITION AND FLASH BACK. CONTAINERS MAY RUPTURE DUE TO VAPOR PRESSURE BUILDUP.

Physical/Chemical Properties

HCC:
F2

NRC/State LIC No:
NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
150F - 232F

Melt/Freeze Pt:

M.P/F.P Text:
NOT KNOWN

Decomp Temp:

Decomp Text:
NOT KNOWN

Vapor Pres:
74

Vapor Density:
2.96

Volatile Org Content %:

Spec Gravity:
0.87

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
UNKNOWN

Evaporation Rate & Reference:
4.4 (N-BUTYL ACETATE=1)

Solubility in Water:
7.3 %

Appearance and Odor:
A BUFF COLORED LIQUID WITH A NON-RESIDUAL ODOR

Percent Volatiles by Volume:
84.4

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

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

Materials To Avoid:
7 STRONG OXIDIZING AGENTS, HALOGENS, STRONG BASES, STRONG ACIDS, AMINES, AMMONIA

Hazardous Decomposition Products:
CARBON MONOXIDE, CARBON DIOXIDE MAY BE FORMED.

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