

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-900/9003-18-3.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9003-18-3

Code:
T

RTECS:

Code:
X

Name:
NITRILE RUBBER (BUTADIENE-ACRYLONITRILE POLYMER)

Other REC Limits:
N/P

OSHA PEL:
N/P

Code:

OSHA STEL:
N/P

Code:

ACGIH TLV:
N/P

Code:

ACGIHSTEL:
N/P

Code:

Control Measures

Respiratory Protection:
USE NIOSH-APPROVED ATMOSHERE SUPPLYING OR AIR PURIFYING RESPIRATOR FOR ORGANIC VAPORS AS REQUIRED TO MAINTAIN EXPOSURE LEVELS BELOW RECOMMENDED LIMITS.

Ventilation:
LOCAL EXHAUST: REMOVE VAPORS DURING PROCESSING. MECHANICAL EXHAUST: EXPLOSION-PROOF EQUIPMENT. SPECIAL: REDUCE VAPOR CONCENTRATIONS BELOW SPECIFIED LIMITS.

Protective Gloves:
PVA GLOVES.

Eye Protection:
SAFETY GLASSES.

Other Protective Equipment:
Equipment PROTECTIVE CLOTHING AS REQUIRED TO PREVENT SKIN CONTACT.

Work Hygienic Practices:
KEEP AREA CLEAN. CLEAN UP SPILLS IMMEDIATELY. PRACTICE GOOD PERSONAL HYGIENE.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
N/P 2

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
N/P

IARC:
N/P

OSHA:
N/P

Health Hazards Acute And Chronic:
TARGET ORGANS: MEK, BASED ON ANIMAL DATA, MAY CAUSE LIVER ABNORMALITIES, KIDNEY, LUNG & BRAIN DAMAGE. TERATOGEN, THF-MAY CAUSE LIVER OR KIDNEY ABNORMALITIES. MIBK-MAY CAUSE LIVER ABNORMALITIES, LUNG O R BRAIN DAMAGE, BASED ON ANIMAL DATA. ACUTE: NAUSEA AND/OR NARCOSIS. CHRONIC: MAY CAUSE LIVER AND KIDNEY DAMAGE. CAN DAMAGE NERVOUS SYSTEM. WEAKNESS IN HANDS AND FEET MAY OCCUR. MINOR EMBRYOTOXIC/FETO TOXIC EFFECTS HAVE BEEN OBSERVED IN LABORTORY RATS EXPOSED TO MEK BY INHALATION AT LEVELS G

Explanation Of Carcinogenicity:
NO.

Signs And Symptions Of Overexposure:
IRRITATION TO EYES AND SKIN. CAN ALSO CAUSE SKIN DRYNESS. LIQUID INGESTION MAY RESULT IN VOMITING. CAN SEVERELY BURN EYES. MAY CAUSE VOMITING AND DIARRHEA.

Medical Cond Aggravated By Exposure:
RESPIRATORY AILMENTS, MAY CAUSE INJURY TO LIVER AND KIDNEYS WHEN INGESTED OR INHALED AT HIGH CONCENTRATIONS.

First Aid:
IN EMERGENCY SITUATIONS NOTIFY PHYSICIAN IMMEDIATELY. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL ATTENTION. EYES: FLUSH ABUNDANTLY WITH CLEAN WATER AND REFER TO PHYSICIAN. INGESTION: DO NOT INDUCE V OMITING. REFER TO PHYSICIAN. EXCESSIVE INHALATION: REMOVE PATIENT TO FRESH AIR OR GIVE OXYGEN. USE CPR IF PATIENT IS NOT BREATHING. REFER TO PHYSICIAN.

Spill Release Procedures:
ABSORB SPILL IN SAND, EARTH, VERMICULITE, OIL-DRI OR SOL-SPEED-DRI. SHOVEL ABSORBED MATERIAL INTO STEEL CONTAINER AND COVER.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH FEDERAL, STATE, AND LOCAL CHEMICAL AND SOLVENT WASTE DISPOSAL REGULATIONS.

Handling And Storage Precautions:
STORE IN APPROVED SOLVENT STORAGE AREA. KEEP TIGHTLY CLOSED. KEEP AWAY FROM HEAT, OPEN FLAMES, SPARKS, HOT SURFACES AND OXIDIZING AGENTS.

Other Precautions:
N/A

Fire and Explosion Hazard Information

Flash Point Method:
OC

Flash Point:
=-15.4C, 4.F

Flash Point Text:

Autoignition Temp:
=321.1C, 610.F

Autoignition Temp Text:

Lower Limits:
1.4

Upper Limits:
11.8

Extinguishing Media:
3 CO2, FOAM, DRY CHEMICAL

Fire Fighting Procedures:
NIOSH/MSHA-APPROVED SELF-CONTAINED BREATHING APPARATUS SHOULD BE WORN. USE WATER SPRAY TO COOL FIRE EXPOSED STRUCTRUES AND DISPERSE VAPOR CLOUD IF FIRE IS NOT PRESENT.

Unusual Fire/Explosion Hazard:
VAPOR IS HEAVIER THAN AIR AND MAY TRAVEL CONSIDERABLE DISTANCE TO SOURCE OF IGNITION AND FLASHBACK.

Physical/Chemical Properties

HCC:
F2

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:
=65.C, 149.F

B.P. Text:

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
71.3 @ 20C OR 68F

Vapor Density:
2.55

Volatile Org Content %:

Spec Gravity:
0.867

VOC Pounds/Gallon:
5.43

PH: N/P

VOC Grams/Liter:
648

Viscosity:
N/P

Evaporation Rate & Reference:
N/P

Solubility in Water:
N/P 4

Appearance and Odor:
LIGHT AMBER, SWEET PUNGENT ODOR.

Percent Volatiles by Volume:
N/P

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
AVOID HEAT, OPEN FLAMES, SPARKS, HOT SURFACES, AND OXIDIZING AGENTS.

Materials To Avoid:
N/A

Hazardous Decomposition Products:
OXIDES OF CARBON, NITROGEN ZINC, SULFUR, HYDROGEN CHLORIDE.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
WILL NOT OCCUR.

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



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 is based on the present state of our knowledge and is applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.