

# 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:**

**ACGIH STEL:**

N/P

**Code:**

## Control Measures

**Respiratory Protection:**

USE NIOSH-APPROVED ATMOSPHERE 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

**LD50/LC50 Mixture:**

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 OR 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 Symptoms 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:**

RESPIRATORYAILMENTS, 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 VOMITING. 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 STRUCTURES 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:**

N/P 2

**Boiling Point:**

=65.C, 149.F

**B.P. Text:**

**Melt/Freeze Pt:**

**M.P./F.P Text:**

N/P

**Decomp Temp:**

N/P

**Decomp Text:**

N/P

**Vapor Pres:**

71.3 @ 20C OR 68F

**Vapor Density:**

2.55

**Volatile Org Content %:**

N/A

**Spec Gravity:**

0.867

**VOC Pounds/Gallon:**

5.42

**pH:**

N/P

**Viscosity:**

640

**Surface Tension:**

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

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