MATERIAL SAFETY DATA SHEET For R&D use only. Not for drug, household or other uses. Click http://www.lookchem.com/cas-901/9016-45-9.html for suppliers of this product.

9016-45-9 Code:

SELF-CNTND BRTHG APP, POS PRESSURE HOSE MASK/AIR-LINE MASK W/FACEPIEC

LOCAL EXHAUST TO MINIMIZE VAPOR CONCENTRATION.

Equipment 6 SOLVENT RESISTANT BOOTS APRON (NEOPRENE).

Other REC Limits: NONE SPECIFIED

NOT ESTABLISHED

OSHA PEL:

OSHA STEL:

ACGIH TLV:

ACGIHSTEL:

Ventilation:

NEOPRENE

NΡ

N/P

N/P

Skin: N/P

N/P

N/P

IARC: N/P

OSHA: N/P 4

N/P

N/P

N/P

Ingestion:

Eye Protection:

Protective Gloves:

NOT ESTABLISHED

Control Measures

CUP TYPE/RUBBR FRAMD GOGG

Other Protective Equipment:

Supplemental Safety and Health:

Health Hazards Data

Route Of Entry Inds - Inhalation:

Carcinogenicity Inds - NTP:

Health Hazards Acute And Chronic:

Signs And Symptions Of Overexposure:

Medical Cond Aggravated By Exposure:

MILK/WATER.IMMED GET MD & TAKE TO HOSP.

INH: HEAD, NOSE/THROAT IRRIT; SKIN: IRRIT, DEFATTING; EYES: SEV IRRITATION.

INH:REMOVE TO FRESH AIR.GIVE CPR/OXYGEN IF NEEDED; EYES:FLUSH EYES W/LG AMT OF WATER FOR 15 MIN.OBTAIN MED ATTN; SKIN: REMOVE CLOTHING, WASH W/SOAP & WATER. GET MD IF IRRIT/BLISTRG OCCUR; ING: IF CONSCIOUS, G IVE LG AMT

VENTILATE AREA.WEAR PROTECTVE EQUIP.ELIMINATE IGN SOURCE.S LEAK W/O RISK.DIKE/CONTAIN SPILLAGE.WIPE UP OR ABSORB SPILLAGE ONTO ABSORBENT MATL.RECOVER IN DRUMS/CONTNRS WHICH ARE SUITABLE FOR SHIPMEN T TO DISPOSAL LOCATION.

MFGR RECOMMENDS ONE OR ALL OF THE FOLLOWING METHODS:(1) INCINERATE IN AN APPRVD INCINERATOR W APPROPRIATE FUME

VAP HEAVR THAN AIR WILL TRAVL ALONG GRD COLLECTING IN LOW AREAS SUCH AS SUMPS.PERSONS ENTERING THIS AREA SHOULD

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER

FIRE/EXCESSIVE HEAT MAY CAUSE PRODUCTION OF HAZARDOUS DECOMPOSITION PRODUCTS. VAPORS ARE HEAVIER THAN AIR & MAY

SCRUBBER; (2) LANDFILL IAW LOCAL, STATE, FED REGS; (3) TRANSFER/SHIP TO RECLAIMING FACILITY FOR SOLVENT RECOVERY.

STORE AWAY FROM HEAT/IGN SOURCES.USE CARE IN OPENING DRUMS TO AVOID SPURTING OF CONTENTS.PROTECT CONTNRS

USE PROTEC EQUIP & BE OBSERVD WHILE IN THE AREA; AVOID REPEATD 5 CONT W SKIN/EYES.

Fire and Explosion Hazard Information

USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY CHEMICAL.

SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

TRAVEL ALONG THE GROUND TO BE IGNITED ELSEWHERE.

Physical/Chemical Properties

Explanation Of Carcinogenicity:

Spill Release Procedures:

Waste Disposal Methods:

AGAINST PHYSICAL DAMAGE.

Other Precautions:

Flash Point Method:

TCC

N/A

N/K

N/K

HCC: F5

N/R

NRC/State LIC No:

Boiling Point: =82.2C, 180.F

Melt/Freeze Pt:

M.P/F.P Text:

Decomp Temp:

Decomp Text: UNKNOWN

Vapor Pres: APPROX.20

>1.0

1.052

PH: N/K

Viscosity: N/P

COMPLETE

76

YES

Vapor Density:

Spec Gravity:

VOC Pounds/Gallon:

VOC Grams/Liter:

>1.0 (BU. AC.=1)

Corrosion Rate:

Stability Indicator:

Materials To Avoid:

Information:N/P

Information:N/P

UNKNOWN

Solubility in Water:

Appearance and Odor:

Percent Volatiles by Volume:

Reactivity Data

Stability Condition To Avoid:

Hazardous Decomposition Products: CARBON MONOXIDE/CARBON DIOXIDE.

Hazardous Polymerization Indicator:

Conditions To Avoid Polymerization:

Toxicological Information

Regulatory Information

Sara Title III Information: N/P

Federal Regulatory Information: N/P

State Regulatory Information: N/P

Other Information

Look for Chemicals

www.lookchem.com

Other Information:N/P

MSDS Transport Information

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

terms and conditions of sale.

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 in this document 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

quarantee 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

HIGH TEMPERATURES, SPARKS, AND OPEN FLAMES 7

STRONG OXIDIZING AGENTS, STRONG ALKALIS, REACTIVE METALS.

Evaporation Rate & Reference:

CLEAR, COLORLESS LIQUID, KETONE ODOR.

Volatile Org Content %:

N/K

B.P. Text:

Net Prop WT For Ammo:

Lower Limits:

Upper Limits:

Extinguishing Media:

Fire Fighting Procedures:

Unusual Fire/Explosion Hazard:

Flash Point: =15.6C, 60.F

Flash Point Text:

Autoignition Temp:

Autoignition Temp Text:

Handling And Storage Precautions:

Neutralizing Agent:

Work Hygienic Practices:

LD50LC50Mixture:

Respiratory Protection:

Code:

Code:

Code: Μ

Code:

Μ

Cas:

Composition/Information on Ingredient

Μ **RTECS:** MD0900000 Code: Μ

Name: NONYLPHENOL POLYETHOXATE