

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-904/9040-80-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

9040-80-6

Code:

M

RTECS:

Code:

X

Name:

URETHANE PREPOLYMER

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

NOT ESTABLISHED

Code:

M

OSHA STEL:

Code:

ACGIH TLV:

NOT ESTABLISHED

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

WEAR A CHEMICAL RESPIRATOR APPROVED FOR ORGANIC VAPORS (NIOSH 23C OR EQUIVALENT) DURING THE APPLICATION AND UNTIL WORK AREA HAS BEEN EXHAUSTED OF ALL VAPORS.

Ventilation:

LOCAL EXHAUST AND MECHANICAL (GENERAL) VENTILATION TO MAINTAIN EXPOSURE LEVELS.

Protective Gloves:

IMPERVIOUS

Eye Protection:

SAFETY GLASSES OR GOGGLES

Other Protective Equipment:

Equipment PROTECTIVE CLOTHING AS REQUIRED TO AVOID SKIN CONTACT. AN EMERGENCY EYE WASH STATION AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:

WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

Supplemental Safety and Health:

INTENTIONAL MISUSE BY DELIBERATELY CONCENTRATING AND INHALING THE CONTENTS MAY BE HARMFUL OR FATAL. LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Health Hazards Data

LD50/LC50/Mixture:

NOT GIVEN FOR PRODUCT AS A WHOLE

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

YES

IARC:

YES

OSHA:

NO

Health Hazards Acute And Chronic:

CONTAINS MATERIALS WHICH MAY CAUSE SKIN IRRITATION. CONTAINS MATERIAL WHICH MAY CAUSE EYE IRRITATION AND EYE INJURY. CONTAINS MATERIAL WHICH CAN CAUSE A BURNING SENSATION, VOMITING, DIARRHEA, DROWNING AND TISSUE DAMAGE. ASPIRATION CAN CAUSE CHEMICAL PNEUMONIA. INHALATION MAY CAUSE ANESTHETIC EFFECTS.

Explanation Of Carcinogenicity:

TOLUENE 2,4/2,6-DIISOCYANATE (TDI) IS LISTED AS A CARCINOGEN BY NTP AND IARC.

Signs And Symptoms Of Overexposure:

EYE IRRITATION, EYE INJURY, SKIN IRRITATION, NAUSEA, VOMITING, DIARRHEA, BURNING SENSATION IN GI TRACT, TISSUE DAMAGE IN GI TRACT, CHEMICAL PNEUMONIA, RESPIRATORY TRACT IRRITATION, ACUTE NERVOUS SYSTEM DEPRESSION, HEADACHE, DIZZINESS, STAGGERING GAIT, CONFUSION AND UNCONSCIOUSNESS. CHRONIC: PERMANENT BRAIN, CNS INJURY.

Medical Cond Aggravated By Exposure:

3 NONE SPECIFIED BY MANUFACTURER.

First Aid:

EYES: FLUSH WITH WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. GET MEDICAL ATTENTION. SKIN: REMOVE CONTAMINATED CLOTHING. WASH WITH SOAP AND WATER. IF IRRITATION PERSISTS, GET MEDICAL ATTENTION. INHALATION: REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

Spill Release Procedures:

ELIMINATE SOURCES OF IGNITION. VENTILATE AREA. WEAR PROPER PERSONAL PROTECTIVE EQUIPMENT. CONTAIN SPILL. REMOVE WITH INERT ABSORBENT. SCRUB WITH SOAP AND WATER.

Neutralizing Agent:

NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:

PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN ACCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:

STORE IN A COOL, DRY PLACE WITH ADEQUATE VENTILATION. STORE LARGE QUANTITIES IN BUILDINGS DESIGNED AND PROTECTED FOR STORAGE OF NFPA CLASS 1C FLAMMABLE.

Other Precautions:

DO NOT TAKE INTERNALLY. AVOID PROLONGED CONTACT WITH SKIN. CONTAMINATED CLOTHING SHOULD BE REMOVED IMMEDIATELY. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES. DO NOT SPRAY APPLY THIS PRODUCT.

Fire and Explosion Hazard Information

Flash Point Method:

SCC

Flash Point:

Flash Point Text:

80.0F, 26.7C

Autoignition Temp:

Autoignition Temp Text:

N/K

Lower Limits:

1.0 %

Upper Limits:

7.6 %

Extinguishing Media:

FOAM, DRY CHEMICAL, CARBON DIOXIDE 4

Fire Fighting Procedures:

FIRE FIGHTERS SHOULD USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT WHEN FIGHTING CHEMICAL FIRE. USE WATER SPRAY TO COOL NEARBY CONTAINERS EXPOSED TO FIRE.

Unusual Fire/Explosion Hazard:

KEEP CONTAINER TIGHTLY CLOSED. ISOLATE FROM HEAT, ELECTRICAL EQUIPMENT, SPARKS AND FLAME. CLOSED CONTAINERS MAY EXPLODE WHEN EXPOSED TO EXTREME HEAT.

Physical/Chemical Properties

HCC:

5 F3

NRC/State LIC No:

Net Wt For Ammo:

Boiling Point:

B.P. 146C

295F, 146C

Melt/Freeze Pt:

M.P/F.P. Text:

NOT GIVEN

Decomp Temp:

Decomp Text:

UNKNOWN

Vapor Pres:

6 MM HG

Vapor Density:

> 1

Volatile Org Content %:

NO

Spec Gravity:

0.98

VOC Pounds/Gallon:

PH: N/K

VOC Grams/Liter:

Viscosity:

N/P

Evaporation Rate & Reference:

< 1 (N-BUTYL ACETATE = 1)

Solubility in Water:

NOT SOLUBLE

Appearance and Odor:

CLEAR LIQUID, AROMATIC ODOR

Percent Volatiles by Volume:

55 %

Corrosion Rate:

UNKNOWN

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