

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-906/9069-50-5.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
9069-50-5
Code:
M

RTECS:

Code:
X

Name:
EXTENDED POLYETHER POLYOL

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:
WHEN SPRAYING OR APPLYING IN ANY CIRCUMSTANCES LIKELY TO PRODUCE AIRBORNE LEVELS OF HAZARDOUS INGREDIENTS IN EXCESS OF TLV, USE A NIOSH APPROVED ORGANIC VAPOR CARTRIDGE OR AIR-SUPPLIED RESPIRATOR.

Ventilation:
GENERAL VENTILATION TO MAINTAIN VAPORS BELOW TLV.

Protective Gloves:
RUBBER OR PLASTIC GLOVES.

Eye Protection:
ANSI APPROVED CHEMICAL WORKERS GOGGS (FP N).

Other Protective Equipment:
Equipment ANSI APPROVED EYE WASH AND DELUGE SHOWER (FP N). WHEN USING IN CIRCUMSTANCES WHERE OTHER SKIN CONTACT IS LIKELY, USE FULL PROTECTIVE GARMENTS.

Work Hygienic Practices:
PROTECTIVE GARMENTS SHOULD BE DISPOSED OF OR DECONTAMINATED.

Supplemental Safety and Health:
VOC: 0 G/L (MIXED PRODUCT).

Health Hazards Data

LD50LC50Mixture:
N/P

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
4,4'-METHYLENE-BIS-(2-CHLOROANILINE): EYES: NO DATA AVAIL. SKIN: HARMFUL IF ABSORBED. CYANOSIS (BLUEING OF SKIN). INHAL: HARMFUL IF INHALED. CYANOSIS (BLUEING OF SKIN) AND SYMPTOMS OF OXYGEN DEFICIENCY SUCH AS HDCHS & WEAK. INGEST: MAY CAUSE CANCER BASED ON LAB TEST ANIMALS. TOLUENE DIISOCYANATE: EYES: ISOCYANATES ARE VERY IRRITATING TO EYES. LEGAL WORKPLACE EXPOS LIMITS ARE MUCH LOWER THAN LEVELS WHICH TYPICALLY CAUSE IRRIT, SO EYE IRRIT IS A STRONG INDICATION THAT ONE IS BEING OVEREXPO

Explanation Of Carcinogenicity:
4,4'-METHYLENE BIS (2-CHLOROANILINE): IARC MONOGRAPHS, SUPPLEMENT, VOL 7, PG 246, 1987:GROUP 2A. NTP 7TH ANNUAL REPORT ON CARCINOGENS, 1994: ANTICIPATED TO BE CARCINOGEN. TOLUENE DIISOCYANATE: IARC MONOGRAPHS, SUPPLEMENT, VOL 7, PG 56, 1987: GROUP 2B. NTP 7TH ANNUAL REPORT ON CARCINOGENS, 1994:ANTICIPATED TO BE CARCINOGENIC.

Signs And Symptions Of Overexposure:
HLTH HAZS: LUNGS & EYES, W/WATERING EYES, SORENESS IN THE THROAT & TIGHTNESS IN THE CHEST W/POSSIBLE DFCLTY IN BREATHING. INGEST: IRRIT & POSSIBLE CORROSIVE ACTION IN THE MOUTH, STOMACH AND TISSUE AND DIGESTIVE TRACT.

Medical Cond Aggravated By Exposure:
N/P 4

First Aid:
EYES: FLUSH WITH WARM WATER FOR AT LEAST 15 MINUTES. IF SYMPTOMS PERSIST, CONSULT MD. SKIN: WASH WITH SOAP AND WATER. IF SYMPTOMS PERSIST, CONSULT MD. INHALATION: REMOVE TO FRESH AIR. IF SYMPTOMS ARE PRESENT, CONSULT MD. INGESTION: CONSULT A MD.

Spill Release Procedures:
WEAR APPROPRIATE PERSONAL PROTECTION. COVER WITH ABSORBENT. SCOOP INTO CONTAINERS. CLEAN UP RESIDUE WITH A SUITABLE SOLVENT. CERCLA RQ FOR 4,4'-METHYLENE-BIS-(2-CHLOROANILINE) IS 10 LBS.

Neutralizing Agent:
N/P

Waste Disposal Methods:
DISPOSE IN COMPLIANCE WITH FEDERAL, STATE AND LOCAL REGULATIONS.

Handling And Storage Precautions:
AVOID ALL SKIN CONTACT AND INGESTION. REMOVE PROTECTIVE CLOTHING PRIOR TO EATING OR SMOKING. IN CALIFORNIA, REFER TO GENERAL SAFETY ORDERS, SECTION 5215 FOR SPECIFIC REGULATIONS.

Other Precautions:
N/P

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:
>93.3C, 200.F

Flash Point Text:
NOT FLAMMABLE

Autoignition Temp:

Autoignition Temp Text:
N/P

Lower Limits:
UNKNOWN

Upper Limits:

Extinguishing Media:
CARBON DIOXIDE, DRY CHEMICAL, FOAM, WATER FOG.

Fire Fighting Procedures:
5 USE NIOSH APPROVED SCBA & FULL PROTECTIVE EQUIPMENT (FP N).

Unusual Fire/Explosion Hazard:
ASHES AND VAPOR MAY CONTAIN CARCINOGENS.

Physical/Chemical Properties

HCC:

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
NOT APPLICABLE 6

Melt/Freeze Pt:

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

Decomp Temp:

Decomp Text:
N/P

Vapor Pres:
SEE INGREDIENTS

Vapor Volat:
NON VOLAT

Volatile Org Content %:

Spec Gravity:
1.059

VOC Pounds/Gallon:

PH: N/P

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNAVAILABLE

Solubility in Water:
N/P

Appearance and Odor:
BLACK LIQUID.

Percent Volatiles by Volume:
0.0

Corrosion Rate:
N/P

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NOT KNOWN.

Materials To Avoid:
NONE KNOWN.

Hazardous Decomposition Products:
OXIDES OF CARBON AND NITROGEN.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
N/P

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