

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-904/9048-57-1.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

9048-57-1

Code:

M

RTECS:**Code:**

X

Name:

METHYLENE DIPHENYL DIISOCYANATE, POLYPROPYLENE GL

Other REC Limits:

N/K

OSHA PEL:

N/K

Code:

M

OSHA STEL:**Code:****ACGIH TLV:**

N/K

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

IN EXCESS OF TLV AN AIR SUPPLIED RESPIRATOR WOULD BE REQUIRED.

Ventilation:

MECHANICAL/EXHAUST IAW/ACGIH RECOMMENDATIONS.

Protective Gloves:

IMPERVIOUS

Eye Protection:

GOGGLES

Other Protective Equipment:

Equipment N/K

Work Hygienic Practices:

REMOVE/LAUNDER CONTAMINATED CLOTHING BEFORE REUSE.

Supplemental Safety and Health:

N/K 3

Health Hazards Data

LD50LC50Mixture:

N/P

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

N/K

Health Hazards Acute And Chronic:

SENSITIZATION, ALLERGIC SKIN & RESPIRATORY REACTIONS LEADING TO ASTHMA TYPE SPASMS OF BRONCHIAL TUBES & DIFFICULTY BREATHING. SKIN/EYE IRRITANT. INHALATION: MAY REDUCE PULMONARY FUNCTION.

Explanation Of Carcinogenicity:

NONE

Signs And Symptoms Of Overexposure:

IRRITATION, BREATHLESSNESS, CHEST DISCOMFORT

Medical Cond Aggravated By Exposure:

ASTHMATIC, SKIN/RESPIRATORY CONDITIONS.

First Aid:

EYES: FLUSH W/WATER FOR AT LEAST 15 MINS. SKIN: WASH W/SOAP & WATER. INGESTION: IF CONSCIOUS, GIVE WATER. INHALATION: REMOVE TO FRESH AIR. GIVE OXYGEN/ARTIFICIAL RESPIRATION, IF NEEDED. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Spill Release Procedures:

ABSORB W/ABSORBENT MATERIAL/PLACE IN OPEN CONTAINER. UNDER GOOD VENTILATION, DECONTAMINATE ABSORBENT/SPILL AREA W/A MIXTURE OF 90% WATER/8% AMMONIA/2% DETERGENT (EXOTHERMIC REACTION). LEAVE VENTILATED 24 HOURS BEFORE DISPOSAL. AVOID CONTACT.

Neutralizing Agent:

N/K

Waste Disposal Methods:

2 CONSULT QUALIFIED LOCAL/CORPORATE PERSONNEL FOR METHOD THAT WILL COMPLY WITH LOCAL, STATE AND FEDERAL HEALTH AND ENVIRONMENTAL REGULATIONS.

Handling And Storage Precautions:

HARMFUL IF INHALED. KEEP CONTAINER CLOSED. USE WITH ADEQUATE VENTILATION. WASH THOROUGHLY AFTER HANDLING. AVOID BREATHING VAPOR/MIST.

Other Precautions:

NUISANCE DUST MAY BE GENERATED WHEN SANDING/SAWING CURED MATERIAL. HEATED PRODUCT MAY PRODUCE INHALABLE VAPORS.

Fire and Explosion Hazard Information

Flash Point Method:

CC

Flash Point:**Flash Point Text:**

325F

Autoignition Temp:**Autoignition Temp Text:**

N/A

Lower Limits:

N/K

Upper Limits:

N/K

Extinguishing Media:

CO₂, DRY CHEMICAL, FOAM, WATER

Fire Fighting Procedures:

USE SCBA. DECOMPOSITION/COMBUSTION PRODUCTS MAY BE TOXIC.

Unusual Fire/Explosion Hazard:

AVOID WATER CONTAMINATED IN CLOSED CONTAINERS/CONFINED SPACES. CARBON DIOXIDE EVOLVED.

Physical/Chemical Properties

HCC:**NRC/State LIC No:****Net Prop WT For Ammo:****Boiling Point:****B.P. Text:**

N/K

Melt/Freeze Pt:**M.P/F.P Text:**

N/K

Decomp Temp:**Decomp Text:**

N/K

Vapor Pres:

0.027

Vapor Density:

>1.0

Volatile Org Content %:**Spec Gravity:**

1.11

VOC Pounds/Gallon:**PH:**

N/K

VOC Grams/Liter:**Viscosity:**

N/P

Evaporation Rate & Reference:

N/K

Solubility in Water:**REACTS****Appearance and Odor:**

CLOUDY LIQUID

<0.1% Volatiles by Volume:

<0.1

Corrosion Rate:

N/K

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

AVOID PROLONGED HEATING >160F/STORING

Materials To Avoid:

WATER/ALCOHOLS/STRONG OXIDIZING AGENTS/METAL ORGANIC COMPOUNDS/STRONG BASES

Hazardous Decomposition Products:

CO/CO₂/BENZENE/TOLUENE/NITROGEN OXIDES, HYDROGEN CYANIDE.

Hazardous Polymerization Indicator:

YES

Conditions To Avoid Polymerization:

CONTAMINATION W/MOISTURE/OTHER PRODUCTS THAT REACT W/ISOCYANATE.

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****Other Information:****N/P**