

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-264/26447-40-5.html> for suppliers of this product.

## Composition/Information on Ingredient

**Cas:**  
26447-40-5  
**Code:**  
M

**RTECS:**

**Code:**  
X

**Name:**  
2-DIPHENYLMETHANE DIISOCYANATE

**Other REC Limits:**  
NONE RECOMMENDED

**OSHA PEL:**  
NOT ESTABLISHED  
**Code:**  
M

**OSHA STEL:**

**Code:**

**ACGIH TLV:**  
NOT ESTABLISHED  
**Code:**  
M

**ACGIHSTEL:**  
N/P  
**Code:**

## Control Measures

**Respiratory Protection:**  
IF GENRL DILUTN/LOCAL EXHAUST FAILS TO DILUTE ADEQUATELY: WEAR FITTED NIOSH/OSHA RESPRTR WHEN EXPOSED.AIR LINE RESPRTR (TC19C). VAPOR/PARTICULATE RESPRTR (5C23C) APPROPRIATE WHEN AIR-BORNE SHOWS ISOCY ANATE 10 X LESS THAN APPLIC EXPOS LIMITS

**Ventilation:**  
PROVIDE GENERAL DILUTION/LOCAL EXHAUST VENT TO KEEP TWA & LEL BELOW ACCEPTABLE LIMITS & TO REMOVE DECOMPOSITION PRODUCTS

**Protective Gloves:**  
CHEM RESISTANT GLOVES-PROLONGED/REPEATED

**Eye Protection:**  
SAFETY EYEWEAR TO PROTECT AGAINST SPLASH

**Other Protective Equipment:**  
Equipment N/K

**Work Hygienic Practices:**  
N/K

**Supplemental Safety and Health:**  
KEY1:F3. THIS ENTRY DESCRIBES PART 2 OF A TWO PART KIT. SEE THIS SAME NSN, P/N IND A, FOR PART 1 DATA.

## Health Hazards Data

**LD50LC50Mixture:**  
N/K

**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:**  
ACUTE: INHALATION:IRRITATION OF RESPIRATORY TRACT, HEADACHE, DIZZINESS, DROWSINESS. SKIN/EYE CONTACT: IRRITANT TO EYES & SKIN & SKIN SENSITIVITY. CHRONIC: MAY AFFECT FOLLOWING ORGANS: RESPIRATORY TRAC T, ALLERGIC RESPIRATORY/SKIN REACTION, KIDNEY, LIVER, REPRODUCTIVE SYSTEM, CENTRAL NERVOUS SYSTEM, CARDIAC SENSITIZATION

**Explanation Of Carcinogenicity:**  
N/K

**Signs And Symptions Of Overexposure:**  
N/K

**Medical Cond Aggravated By Exposure:**  
RESPIRATORY PROBLEMS

**First Aid:**  
INHALATION: REMOVE FROM EXPOSURE. EYE CONTACT: FLUSH IMMEDIATELY WITH LARGE AMOUNTS OF RUNNING WATER FOR AT LEAST 15 MINUTES. SKIN CONTACT:REMOVE CONTAMINATED CLOTHING AND WASH SKIN WITH SOAP AND WATE R. INGESTION: DRINK WATER. IF NECESSARY, CONSULT A PHYSICIAN FOR ANY OF THESE CONDITIONS.

**Spill Release Procedures:**  
REMOVE ALL SOURCES OF IGNITION, AVOID BREATHING VAPORS, VENTILATE AREA, AND REMOVE WITH INERT ABSORBENT AND NON-SPARKING TOOLS. BEFORE ATTEMPTING TO CLEAN UP, SEE INGREDIENT SECTION.

**Neutralizing Agent:**  
N/K

**Waste Disposal Methods:**  
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.

**Handling And Storage Precautions:**  
DO NOT TAKE INTERNALLY. CONTAINERS SHOULD BE GROUNDED WHEN POURING. AVOID FREE FALL OF LIQUID IN EXCESS OF A FEW INCHES.

**Other Precautions:**  
MAKE SURE THE DRUM IS COMPLETELY EMPTY BEFORE ATTEMPTING TO WELD OR BRAZE. THE DRUM SHOULD BE INDUSTRIALLY CLEANED PRIOR RO REUSE. DO NOT FLAME CUT, BRAZE, OR WELD WITHOUT A NIOSH APPROVED RESPIRATOR OR APPROPRIATE VENTILATION. 3

## Fire and Explosion Hazard Information

**Flash Point Method:**  
SCC

**Flash Point:**

**Flash Point Text:**  
44.0F,6.7C

**Autoignition Temp:**

**Autoignition Temp Text:**  
N/K

**Lower Limits:**  
1.20

**Upper Limits:**  
N/K

**Extinguishing Media:**  
USE WATER FOG, FOAM, DRY CHEMICAL, OR CARBON DIOXIDE

**Fire Fighting Procedures:**  
N/K

**Unusual Fire/Explosion Hazard:**  
N/K

## Physical/Chemical Properties

**HCC:**  
F3

**NRC/State LIC No:**  
N/K

**Net Prop WT For Ammo:**  
4

**Boiling Point:**

**B.P. Text:**  
200 TO 597F

**Melt/Freeze Pt:**

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

**Decomp Temp:**

**Decomp Text:**  
N/K

**Vapor Pres:**  
N/K

**Vapor Density:**  
> AIR

**Volatile Org Content %:**

**Spec Gravity:**  
N/K

**VOC Pounds/Gallon:**

**PH:** N/K

**VOC Grams/Liter:**

**Viscosity:**  
N/K

**Evaporation Rate & Reference:**  
N/K

**Solubility in Water:**  
N/K

**Appearance and Odor:**  
N/K

**Percent Volatiles by Volume:**  
N/K

**Corrosion Rate:**  
N/K

## Reactivity Data

**Stability Indicator:**  
NO

**Stability Condition To Avoid:**  
N/K

**Materials To Avoid:**  
WILL REACT W/WATER/WATER CONTAINING PRODUCTS TO GIVE OFF HEAT &FUMES. DONT ALLOW WATER TO ENTER SEALED DRUMS (EXPLODE)

**Hazardous Decomposition Products:**  
FUMES MAY CONTAIN CARBON MONOXIDE AND OXIDES OF NITROGEN. MAY PRODUCE HAZARDOUS FUMES HEATED TO DECOMPOSITION (WELDING).

**Hazardous Polymerization Indicator:**  
N/P

**Conditions To Avoid Polymerization:**  
N/K

## 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