

# MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-110/11070-44-3.html> for suppliers of this product.

## Composition/Information on Ingredient

### Cas:

11070-44-3

### Code:

M

### RTECS:

### Code:

X

### Name:

HEXAHYDROPHthalic ANHYDRIDE

### 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:

NONE REQUIRED WHERE ADEQUATE VENTILATION CONDITIONS EXIST. IF AIRBORNE CONCENTRATION IS HIGH, WEAR A NIOSH-APPROVED AIR-SUPPLIED RESPIRATOR.

### Ventilation:

GENERAL MECHANICAL VENTILATION IS ADEQUATE FOR NORMAL USE. LOCAL EXHAUST IS RECOMMENDED FOR CONFINED AREAS.

### Protective Gloves:

RUBBER OR PLASTIC

### Eye Protection:

SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

### Other Protective Equipment:

Equipment EYE WASH STATION, SAFETY SHOWER, PROTECTIVE CLOTHING

### Work Hygienic Practices:

5 OBSERVE GOOD INDUSTRIAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES.

### Supplemental Safety and Health:

KEY1:N1. PART A HAS PNI A AND PART B HAS PNI B, SAME NSN.

## Health Hazards Data

### LD50/LC50 Mixture:

LD50 (ORAL, RAT) IS NOT KNOWN.

### Route Of Entry Inds - Inhalation:

YES

### Skin:

NO

### Ingestion:

NO

### Carcinogenicity Inds - NTP:

YES

### IARC:

YES

### OSHA:

NO

### Health Hazards Acute And Chronic:

TARGET ORGANS: EYE, SKIN, RESPIRATORY TRACT. ACUTE- MAY CAUSE EYE IRRITATION, INFLAMMATION. SKIN CONTACT MAY CAUSE RASH, DERMATITIS. OVEREXPOSURE TO VAPORS IN POORLY VENTILATED AREAS MAY CAUSE UPPER RESPIRATORY IRRITATION, COUGHING, HEADACHES. INGESTION MAY CAUSE PAIN, NAUSEA, VOMITING. CHRONIC- UNKNOWN.

### Explanation Of Carcinogenicity:

CONTAINS CRYSTALLINE SILICA.

### Signs And Symptoms Of Overexposure:

IRRITATION, NAUSEA, VOMITING, PAIN, INFLAMMATION, COUGHING

### Medical Cond Aggravated By Exposure:

PERSONS WITH PRE-EXISTING SKIN DISORDERS, EYE PROBLEMS OR IMPAIRED RESPIRATORY FUNCTION MAY BE MORE SUSCEPTIBLE TO THE EFFECTS OF THIS PRODUCT.

### First Aid:

CALL PHYSICIAN IF SYMPTOMS PERSIST. EYE: IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES. HOLD EYELIDS OPEN. SKIN: WASH WITH SOAP & WATER. INHALED: REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL: IF CONSCIOUS, DRINK WATER OR MILK & INDUCE VOMITING. CALL PHYSICIAN.

### Spill Release Procedures:

WEAR PROTECTIVE EQUIPMENT. VENTILATE AREA. ABSORB ON SAND, VERMICULITE OR SIMILAR MATERIAL. SWEEP UP AND PLACE IN AN APPROPRIATE CONTAINER. HOLD FOR DISPOSAL. WASH SPILL AREA TO REMOVE RESIDUAL CONTAMINATION.

### Neutralizing Agent:

NOT RELEVANT

### Waste Disposal Methods:

DISPOSE OF IN ACCORDANCE WITH ALL LOCAL, STATE AND FEDERAL REGULATIONS. CONTRACT WITH A LICENSED WASTE DISPOSAL FACILITY.

### Handling And Storage Precautions:

STORE IN COOL, DRY PLACE, AWAY FROM STRONG OXIDIZING AGENTS.

### Other Precautions:

WASH THOROUGHLY WITH SOAP AND WATER AFTER HANDLING AND BEFORE EATING, DRINKING, SMOKING. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY. DO NOT GET IN EYES OR ON SKIN.

## Fire and Explosion Hazard Information

### Flash Point Method:

COC

### Flash Point:

260F,260C

### Autoignition Temp:

N/K

### Autoignition Temp Text:

N/K

### Lower Limits:

UNKNOWN

### Upper Limits:

UNKNOWN

### Extinguishing Media:

CARBON DIOXIDE, FOAM OR DRY CHEMICAL. USE WATER SPRAY TO COOL FIRE EXPOSED CONTAINERS.

### Fire Fighting Procedures:

DO NOT ENTER ANY ENCLOSED OR CONFINED AREA WITHOUT PROPER PROTECTIVE EQUIPMENT AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS.

### Unusual Fire/Explosion Hazard:

UNKNOWN

## Physical/Chemical Properties

### H1:

N1

### NR/Relevant LTC No:

NOT RELEVANT

### Net Prop WT For Ammo:

UNKNOWN

### Boiling Point:

500F,260C

### M.P./F.P. Text:

UNKNOWN

### Decomp Temp:

UNKNOWN

### Vapor Pres:

<1

### Vapor Density:

UNKNOWN

### Volatile Org Content %:

UNKNOWN

### Spec Gravity:

1.50

### VOC Pounds/Gallon:

UNKNOWN

### PH:

N/R

### VOC Grams/Liter:

UNKNOWN

### Viscosity:

UNKNOWN

### Evaporation Rate & Reference:

UNKNOWN

### Solubility in Water:

UNKNOWN

### Appearance and Odor:

TAN, HIGH VISCOSITY LIQUID - PUNGENT ODOR

### Percent Volatiles by Volume:

N/K

### Corrosion Rate:

UNKNOWN

## Reactivity Data

### Stability Indicator:

YES

### Extrême Heat/Heat To Avoid:

EXTRÈME HEAT

### Materials To Avoid:

STRONG OXIDIZING AGENTS

### Hazardous Decomposition Products:

MALEIC ANHYDRIDE

### Hazardous Polymerization Indicator:

NO

### Conditions To Avoid Polymerization:

NOT RELEVANT

## Toxicological Information

### Information:

N/P

### 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:

N/P

## Other Information

### Information:

N/P

### Information: