

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-120/120-54-7.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
120-54-7
Code:
M

RTECS:
TN4221000
Code:
M

Name:
THIURAM HEXASULFIDE (TETRONE A)

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:
FOR FIRE CONDITIONS OR WHEN TLV EXCEEDED; USE NIOSH/MSHA APPROVED RESPIRATOR. IF RESPIRATOR USED; A PROGRAM IN ACCORDANCE WITH 29 CFR 1910.134 MUST BE IN PLACE.

Ventilation:
LOCAL EXHAUST RECOMMENDED BY MANUFACTURER; MUST HAVE ADEQUATE MECHANICAL VENTILATION AS A MINIMUM.

Protective Gloves:
PVA OR NITRILE TO PREVENT CONTACT

Eye Protection:
SAFETY GLASSES/CHEMICAL SPLASH GOGGLES

Other Protective Equipment:
Equipment 5 AS NEEDED TO PREVENT CONTACT WITH SKIN AND CLOTHES. HMIS: EYE WASH STATION SAFETY SHOWER.

Work Hygienic Practices:
WASH HANDS AFTER USE AND BEFORE EATING, DRINKING, OR SMOKING. LAUNDER CONTAMINATED CLOTHES BEFORE REUSE.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
ORAL LD50 (RAT) IS UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
YES

Ingestion:
YES

Carcinogenicity Inds - NTP:
YES

IARC:
YES

OSHA:
NO 3

Health Hazards Acute And Chronic:
MAY CAUSE SKIN AND EYE IRRITATION ON CONTACT. MAY CAUSE ALLERGIC SKIN REACTION ON CONTACT. VAPORS MAY CAUSE RESPIRATORY SYSTEM IRRITATION IF INHALED. PROLONGED OR REPEATED CONTACT MAY CAUSE DERMATITIS OR SKIN SENSITIZATION.

Explanation Of Carcinogenicity:
METHYLENE DIANILINE IS LISTED AS A PROBABLE OR SUSPECTED CARCINOGEN BY IARC, NTP AND ACGIH.

Signs And Symptions Of Overexposure:
INHALED: COUGHING, WHEEZING, SHORTNESS OF BREATH. EYES: RESNESS, BLURRED VISION, TEARING, DISCOMFORT. SKIN: REDNESS OR RASH, ITCHING OR DISCOMFORT. INGESTED: UNKNOWN.

Medical Cond Aggravated By Exposure:
NONE SPECIFIED BY MANUFACTURER.

First Aid:
INHALED: REMOVE TO FRESH AIR AND GET MEDICAL ATTENTION. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. GET MEDICAL HELP IF SYMPTOMS PERSIST. INGESTED: GET IMMEDIATE MEDICAL HELP.

Spill Release Procedures:
CURED MATERIAL: SCOOP UP AND PLACE IN A CONTAINER FOR DISPOSAL. UNCURED: CONTAIN SPILL. WEAR PROPER PROTECTIVE CLOTHING. ABSORB WITH INERT MATERIAL AND PLACE IN A CONTAINER FOR LATER DISPOSAL.

Neutralizing Agent:
NONE SPECIFIED BY MANUFACTURER.

Waste Disposal Methods:
DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS. MANUFACTURER RECOMMENDS INCINERATION OR LANDFILL.

Handling And Storage Precautions:
KEEP CONTAINER CLOSED. STORE IN STURDY CONTAINERS. KEEP FROZEN UNTIL USE.

Other Precautions:
4 AVOID CONTACT WITH SKIN AND EYES. AVOID INHALING VAPORS/DUST. AVOID CONTACT WITH CLOTHES.

Fire and Explosion Hazard Information

Flash Point Method:
COC

Flash Point:

Flash Point Text:
>260F,>127C

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
UNKNOWN

Upper Limits:
UNKNOWN

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

Fire Fighting Procedures:
WEAR FULL PROTECTIVE BUNKER GEAR AND SELF-CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard:
NONE

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
N/A

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/A

Vapor Density:
1 (AIR=1)

Volatile Org Content %:

Spec Gravity:
1.2

VOC Pounds/Gallon:

PH: N/A

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
UNKNOWN

Solubility in Water:
NEGLEGIBLE

Appearance and Odor:
UNCURED- VISCOUS LIQUID. CURED-TAN SOLID.

Percent Volatiles by Volume:
N/K

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
NO

Stability Condition To Avoid:
HEAT, CONTACT WITH OXIDIZERS 6

Materials To Avoid:
STRONG OXIDIZING AGENTS

Hazardous Decomposition Products:
OXIDES OF CARBON, HYDROGEN CYANIDE, ALDEHYDES, ACIDS. REACTS WITH LOTS OF HEAT WHEN CURING.

Hazardous Polymerization Indicator:
N/P

Conditions To Avoid Polymerization:
MANUFACTURER DID NOT STATE: HMIS BELIEVES THIS MATERIAL WILL POLYMERIZE IF HEATED OR CONTACT MADE WITH OXIDIZERS.

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