

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-557/557-66-4.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:
557-66-4

Code:
M

RTECS:

Code:
X

Name:
ETHYLAMINE HYDROCHLORIDE

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:
REQUIRED IF TLV'S ARE NOT BEING MAINTAINED. USE NIOSH APPROVED RESPIRATOR FOR LEAD DUST/FUME (HIGH EFFICIENCY FILTERS) IF TLVS ARE EXCEEDED.

Ventilation:
LOCAL DUST PICK UP AND ADEQUATE VENTILATION

Protective Gloves:
HEAT RESISTANT DURING SOLDERING

Eye Protection:
FACE SHIELD/GOGGLES DURING SOLDERING

Other Protective Equipment:
Equipment INSTALL EYE WASH STATION.

Work Hygienic Practices:
OBSERVE GOOD PERSONAL HYGIENE PRACTICES AND RECOMMENDED PROCEDURES. WASH THOROUGHLY AFTER HANDLING AND BEFORE EATING.

Supplemental Safety and Health:
N/P

Health Hazards Data

LD50LC50Mixture:
UNKNOWN

Route Of Entry Inds - Inhalation:
YES

Skin:
NO

Ingestion:
NO

Carcinogenicity Inds - NTP:
NO

IARC:
YES

OSHA:
NO

Health Hazards Acute And Chronic:
ACUTE- UNLIKELY. CHRONIC- HIGH LEVELS OF AIRBORNE OR INGESTED LEAD MAY RESULT IN ANEMIA, INSOMNIA, WEAKNESS, CONSTIPATION, KIDNEY, NERVOUS SYSTEM AND REPRODUCTIVE EFFECTS. EXPOSURE TO LEAD MAY RESULT IN INJURY TO A DEVELOPING FETUS.

Explanation Of Carcinogenicity:
CONTAINS LEAD

Signs And Symptoms Of Overexposure:
EYE IRRITATION, ABDOMINAL PAIN, WEAKNESS, CONSTIPATION, NAUSEA

Medical Cond Aggravated By Exposure:
DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS, KIDNEYS, NERVOUS SYSTEM AND POSSIBLY REPRODUCTIVE SYSTEMS MAY BE AGGRAVATED BY OVEREXPOSURE TO LEAD.

First Aid:
CALL A DOCTOR IF SYMPTOMS PERSIST. EYE:IMMEDIATELY FLUSH WITH WATER FOR 15 MINUTES, HOLDING EYELIDS OPEN. SKIN:WASH WITH SOAP & WATER. INHALED:REMOVE TO FRESH AIR. PROVIDE CPR/OXYGEN IF NEEDED. ORAL:IF CONSCIOUS, INDUCE VOMITING. CALL A PHYSICIAN/POISON CONTROL CENTER IMMEDIATELY. NOTE:OCCASIONAL BLOOD TESTING FOR LEAD LEVEL SHOULD BE ROUTINE FOR INDIVIDUALS WHO ARE CHRONICALLY EXPOSED TO LEAD.

Spill Release Procedures:
5 COLLECT AND USE. IF CONTAMINATED OR IN SMALL PARTICLES, VACUUM OR COLLECT MATERIAL. NEVER USE ANY METHOD WHICH GENERATE DUST. DO NOT USE FORCED AIR FOR CLEANING. WEAR NIOSH-APPROVED DUST MASK IF DUSTY CONDITION.

Neutralizing Agent:
NOT RELEVANT

Waste Disposal Methods:
NEVER DISPOSE OF IN TRASH. HOLD FOR RECYCLING OR DISPOSE OF IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.

Handling And Storage Precautions:
KEEP AWAY FROM INCOMPATIBLE MATERIALS. AVOID ACCIDENTAL INGESTION. FOOD AND DRINK SHOULD NOT BE CONSUMED IN AREAS WHERE METAL EXPOSURES ARE POSSIBLE.

Other Precautions:
READ WARNING LABELS. KEEP OUT OF REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. DO NOT GENERATE DUST. DO NOT BREATHE DUST OR FUMES. AVOID CONTACT WITH DUST OR FUMES.

Fire and Explosion Hazard Information

Flash Point Method:
N/P

Flash Point:

Flash Point Text:
NONE

Autoignition Temp:

Autoignition Temp Text:
N/A

Lower Limits:
N/R

Upper Limits:
N/R

Extinguishing Media:
WATER FOG, FOAM, CARBON DIOXIDE. DO NOT USE WATER ON FIRE WHERE MOLTEN METALS IS PRESENT.

Fire Fighting Procedures:
WEAR FULL PROTECTIVE CLOTHING AND NIOSH-APPROVED SELF-CONTAINED BREATHING APPARATUS WITH FULL FACEPIECE OPERATED IN THE POSITIVE PRESSURE MODE.

Unusual Fire/Explosion Hazard:
MOLTEN METALS PRODUCE FUME OR VAPOR THAT IS TOXIC. REACTS VIOLENTLY WITH OXIDIZING AGENTS.

Physical/Chemical Properties

HCC:
N1

NRC/State LIC No:
NOT RELEVANT

Net Prop WT For Ammo:

Boiling Point:

B.P. Text:
3191F (PB)

Melt/Freeze Pt:

M.P/F.P Text:
UNKNOWN

Decomp Temp:

Decomp Text:
UNKNOWN

Vapor Pres:
N/R

Vapor Density:
N/R 7

Volatile Org Content %:

Spec Gravity:
8.9 (60SN/40PB)

VOC Pounds/Gallon:

PH: N/R

VOC Grams/Liter:

Viscosity:
N/P

Evaporation Rate & Reference:
NOT RELEVANT

Solubility in Water:
INSOLUBLE

Appearance and Odor:
SILVERY, METALLIC - NO ODOR

Percent Volatiles by Volume:
N/R

Corrosion Rate:
UNKNOWN

Reactivity Data

Stability Indicator:
YES

Stability Condition To Avoid:
NONE

Materials To Avoid:
STRONG OXIDIZING AGENTS (E.G. CHLORINE TRIFLUORIDE, HYDROGEN PEROXIDE), SODIUM AZIDE, AMMONIA ACETYLENE

Hazardous Decomposition Products:
LEAD OXIDE FUME AND OR LEAD PARTICLTE MAY BE EVOLVED.

Hazardous Polymerization Indicator:
NO

Conditions To Avoid Polymerization:
NOT RELEVANT

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