

MATERIAL SAFETY DATA SHEET

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

Click <http://www.lookchem.com/cas-744-7440-74-6.html> for suppliers of this product.

Composition/Information on Ingredient

Cas:

7440-74-6

Code:

M

RTECS:

NL1050000

Code:

M

Name:

INDIUM

Other REC Limits:

NONE RECOMMENDED

OSHA PEL:

0.1 MG/M3

Code:

M

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

0.1 MG/M3; 9293

Code:

M

ACGIH STEL:

N/P

Code:

Control Measures

Respiratory Protection:

NIOSH APPROVED REESPIRATOR FOR ORGANIC AVPORS IF TLVS ARE EXCEEDED.

Ventilation:

PROVIDE SUFFICIENT MECHANICAL (GENERAL &/OR LOCAL EXHAUST) VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW TLVS.

Protective Gloves:

NOT USUALLY NECESSARY.

Eye Protection:

USE FACE SHIELD OR EYE GOGGLES. 4

Other Protective Equipment:

Equipment NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:

NONE SPECIFIED BY MANUFACTURER.

Supplemental Safety and Health:

NONE.

Health Hazards Data

LD50/LC50/Mixture:

ORAL LD50 (RAT) IS >5000 MG/KG

Route Of Entry Inds - Inhalation:

YES

Skin:

YES

Ingestion:

NO

Carcinogenicity Inds - NTP:

NO

IARC:

NO

OSHA:

NO

Health Hazards Acute And Chronic:

INHALATION-MAY CAUSE AN ALLERGIC REACTION SUCH AS RASH OR THROAT AND RESPIRATORY IRRITATION IN A SENSITIVE PERSON. INGESTION-ESSENTIALLY NON-HAZARDOUS AT ROOM TEMPERATURE. (NOT LIKELY TO OCCUR). SKIN-R EPEATED EXPOSURE TO ROSIN FUME MAY CAUSE SKIN RASH. EYES-ROSIN FUME CAN CAUSE EYE IRRITATION.

Explanation Of Carcinogenicity:

NOT A LISTED CARCINOGEN.

Signs And Symptoms Of Overexposure:

INHALATION-EXPOSURE TO ROSIN FUME MAY CAUSE DIZZINESS OR HEADACHE. SKIN-MOLTEN CORE SOLDER WILL CAUSE BURNS. EYES-MOLTEN ROSIN CORE FLUX WILL CAUSE EYE BURNS.

Medical Cond Aggravated By Exposure:

NONE SPECIFIED BY MANUFACTURER.

First Aid:

INHALE: REMOVE INDIVIDUAL TO FRESH AIR. IF BREATHING IS DIFFICULT, ADMINISTER OXYGEN & CONSULT A PHYSICIAN. INGEST: CALL PHYSICIAN OR POISON CONTROL CENTER IMMEDIATELY. NEVER GIVE ANYTHING BY MOUTH TO AN UNCONSCIOUS PERSON. SKIN FOR BURNSCOOL WITH WATER & OBTAIN MEDICAL AID. FOR RASH, REMOVE FROM EXPOSURE & CONSULT PHYSICIAN. EYE: FOR BURNS FLUSH IMMEDIATELY WITH COOL WATER & OBTAIN MEDICAL AID.

Spill Release Procedures:

3 SOLID AT ROOM TEMPERATURE. IF IN MOLTEN STATE ALLOW TO COOL AND SOLIDIFY AND THEN SCRAPE UP.

Neutralizing Agent:

N/R

Waste Disposal Methods:

THIS ALLOY PORTION IS RECLAMABLE. MUST BE IN ACCORDANCE WITH FEDERAL, STATE & LOCAL LAWS AND REGULATIONS.

Handling And Storage Precautions:

NO SPECIAL REQUIREMENTS FOR STORAGE. READ ALL CONTAINER LABELING. ALWAYS WASH HANDS AFTER HANDLING CORE SOLDER AND BEFORE EATING, DRINKING OR SMOKING.

Other Precautions:

SINCE EMPTY CONTAINERS MAYRETAIN PRODUCT RESIDUES, ALL LABELED HAZARD PRECAUTIONS MUST BE OBSERVED. FOR INDUSTRIAL USE ONLY. KEEP OUT OF REACH OF CHILDREN. DO NOT TAKE INTERNALLY.

Fire and Explosion Hazard Information

Flash Point Method:

N/P

Flash Point:

N/R

Flash Point Text:

N/R

Autoignition Temp:

N/R

Autoignition Temp Text:

N/R

Lower Limits:

N/R

Upper Limits:

N/R

Extinguishing Media:

N/R

Fire Fighting Procedures:

USE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL PROTECTIVE CLOTHING IF INVOLVED IN A FIRE.

Unusual Fire/Explosion Hazard:

WHEN HEATED TO HIGH TEMPERATURES, LEAD EMITS HIGHLY TOXIC FUMES.

Physical/Chemical Properties

HCC:**NRC/State Lic No:**

N/R

Net Prop WT For Ammo:

N/R

Boiling Point:

N/R

B.P. Text:

N/R

Melt/Freeze Pt:

N/R

M/P/F/P Text:

N/R

Decomp Temp:

N/R

Decomp Text:

N/R

Vapor Pres:

N/R

Vapor Density:

N/R

Volatile Org Content %:

N/R

Spec Gravity:

N/R

VOC Pounds/Gallon:

N/R

PH:

N/R

VOC Grams/Liter:

N/R

Viscosity:

N/R

Evaporation Rate & Reference:

N/R

Insolubility in Water:

INSOLUBLE

Appearance and Odor:

SILVER-GRAY METAL WIRE, ODORLESS, VARIOUS SHAPES AND SIZES.

Percent Volatiles by Volume:

N/R

Corrosion Rate:

N/R

Reactivity:

N/R

Conditions To Avoid Polymerization:

NOT APPLICABLE

Reactivity Data

Stability Indicator:

YES

Stability Condition To Avoid:

NONE

Materials To Avoid:

OXIDIZING MATERIALS, STRONG ACIDS.

Hazardous Decomposition Products:

WELDING AND CUTTING OPERATION MAY INCLUDE OXIDES OF LEAD, TIN, COMPLEX METALLICS, AND OZONE.

Hazardous Polymerization Indicator:

NO

Conditions To Avoid Polymerization:

NOT APPLICABLE

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:

N/P

LookChem™

Look for Chemicals

www.lookchem.com

WARRANTY: The information is believed to be correct but does not purport to be "inclusive and shall be applicable to the product with regard to appropriate safety precautions. It does not represent any guarantee of the properties of the product. Lookchem shall not be held liable for any damage resulting from handling or from contact with the above product. See reverse side of invoice or packing slip for additional terms and conditions of sale.