

TIN-LEAD SOLDER

MSDS Number

BRBVC

National Stock Number

9650-00F028313

Product Name

TIN-LEAD SOLDER

Manufacturer

ACRO SALES AND ENGINEERING INC

Product Identification

Product ID:TIN-LEAD SOLDER

MSDS Date:11/06/1992

FSC:9650

NIIN:00F028313

MSDS Number: BRBVC

Responsible Party

ACRO SALES AND ENGINEERING INC

W137 N5540 WILLIAMS PLZ

MENOMONEE FALLS , WI 53051-7097

US

Emergency Phone: 414-781-8940

Info Phone: 414-781-8940

Cage: 0EUF1

Contractor

ACRO SALES AND ENGINEERING INC

MENOMONEE FALLS, WI 53051-7097

US

414-781-8940

Cage: 0EUF1

Ingredients

LEAD, INORGANIC LEAD (SUSPECTED HUMAN CARCINOGEN BY IARC,

CAS: 7439-92-1

RTECS: OF7525000

OSHA PEL0.05 MG/CUM

ACGIH TLV: 0.15 MG/CUM

EPA Report Quantity: 1 LB

DOT Report Quantity: 1 LB

TIN (AS SN)

CAS: 7440-31-5

RTECS: XP7320000

OSHA PEL2.0 MG/CUM

ACGIH TLV: 2.0 MG/CUM

ANTIMONY

CAS: 7440-36-0

RTECS: CC4025000

OSHA PEL0.5 MG/CUM

ACGIH TLV: 0.5 MG/CUM

EPA Report Quantity: 5000 LBS

DOT Report Quantity: 5000 LBS

Hazards

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:NO
Health Hazards Acute and Chronic:INHALATION: CENTRAL NERVOUS SYSTEM
DISORDERS CHARACTERIZED BY DROWSINESS, SEIZURES, COMA & DEATH.
INGESTION: SIMILAR EFFECTS AS INHALATION.
Explanation of Carcinogenicity:SEE INGREDIENTS.
Effects of Overexposure:INHALATION/INGESTION: CAN RESULT IN SYSTEMIC
POISONING.
Medical Cond Aggravated by Exposure:CONDITIONS OR DISEASES OF THE BLOOD
& BLOOD-FORMING ORGANS, KIDNEYS, NERVES, & POSSIBLY REPRODUCTIVE
SYSTEM

First Aid

First Aid:EYES/SKIN: FOR BURNS, FLUSH IMMEDIATELY W/COOL WATER.
INHALATION: REMOVE TO FRESH AIR. INGESTION: IF THOUGHT TO BE
OVEREXPOSED, THE PERSON SHOULD HAVE A BLOOD LEAD ANALYSIS DONE.
OBTAIN MEDICAL ATTENT ION IN ALL CASES.

Fire Fighting

Flash Point Method:TOC
Fire Fighting Procedures:USE NIOSH APPROVED SELF-CONTAINED BREATHING
APPARATUS IN CASE OF TOXIC LEAD FUMES.
Unusual Fire/Explosion Hazard:FLUX IN CORED SOLDER MAY IGNITE WHEN THE
SOLDER MELTS IN A FIRE.

Accidental Release

Spill Release Procedures:MELTED SOLDER WILL SOLIDIFY ON COOLING & CAN
BE SCRAPED UP. USE CAUTION TO AVOID BREATHING FUMES IF A GAS TORCH
IS USED TO CUT UP LARGE PIECES.

Handling

Handling and Storage Precautions:EMPTY CONTAINERS MAY CONTAIN PRODUCT
RESIDUE. OBSERVE ALL LABEL PRECAUTIONS. STORE AWAY FROM SULFUR
SOURCES. AVOID BREATHING FUMES DURING SOLDERING.
Other Precautions:DON'T PLACE FLUX CORED SOLDER INTO A HOT SOLDER POT
BECAUSE THE FLUX MAY IGNITE. USE OF STRONG ACID FLUXES MAY RESULT
IN LIBERATION OF TOXIC LEAD CHLORIDE FUMES.

Exposure Controls

Respiratory Protection:USUALLY NOT REQUIRED. WHEN VENTILATION ISN'T
SUFFICIENT TO REMOVE FUMES FROM THE BREATHING ZONE, A CARTRIDGE
TYPE RESPIRATOR SHOULD BE WORN.
Ventilation:PROVIDE ADEQUATE EXHAUST VENTILATION (GENERAL/LOCAL) TO
MEET TLV REQUIREMENTS.
Protective Gloves:AS REQUIRED
Eye Protection:WHEN SOLDERING, USE GOGGLES/FACE SHIELD
Work Hygienic Practices:WASH HANDS THOROUGHLY AFTER HANDLING SOLDER
CONTAINING LEAD BEFORE EATING/SMOKING.
Supplemental Safety and Health

Chemical Properties

Spec Gravity:>1

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER-GRAY METAL IN BAR, WIRE, RIBBON, OR PREFORMED SHAPES.

Stability

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZERS & ACIDS, SOURCES OF SULFUR

Hazardous Decomposition Products:HIGHLY TOXIC LEAD OR ANTIMONY FUMES

Disposal

Waste Disposal Methods:SOLDER CAN BE RECLAIMED. DISPOSE OF IN ACCORDANCE W/LOCAL, STATE, & FEDERAL REGULATIONS.

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