View NSN Online: https://aerobasegroup.de/nsn/3439-01-278-0518

BOW ELECTRONIC SOLDERS -- TIN/LEAD SILVER ALLOYS -- 3439-01-278-0518

Product ID:TIN/LEAD SILVER ALLOYS

MSDS Date:06/01/2000

FSC:3439

NIIN:01-278-0518 Status Code:A

MSDS Number: CLCKG === Responsible Party ===

Company Name: BOW ELECTRONIC SOLDERS

Address:1 CROSSMAN ROAD

City:SAYREVILLE

State:NJ ZIP:08872 Country:US

Info Phone Num:732-316-2100 Emergency Phone Num:80

0-535-5053 CAGE:52329

=== Contractor Identification ===

Company Name: BOW ELECTRONIC SOLDERS

Address:1 CROSSMAN ROAD

Box:City:SAYREVILLE

State:NJ ZIP:08872 Country:US

Phone:732-316-2100/ FAX: 732-316-2177

CAGE:52329

======= Composition/Information on Ingredients ========

Ingred Name:TIN CAS:7440-31-5 RTECS #:XP7320000 Minumum % Wt:0. Maxumum % Wt:100. OSHA PEL:2 MG/M3 ACGIH TLV:2 MG/M3

Ingred Name:LEAD CAS:7439-92-1 RTECS #:OF7525000 Minumum % Wt:0. Maxumum % Wt:100. OSHA PEL:0.05 MG/M3 ACGIH TLV:0.15 MG/M3 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name:SILVER CAS:7440-22-4 RTECS #:VW3500000

<: Wt:20.

OSHA PEL:0.01 MG/M3 ACGIH TLV:0.1 MG/M3

EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

========= Hazards Identification ==================

LD50 LC50 Mixture:NO DATA PROVIDED BY MANUFACTURER

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO

Health Hazards Acute and Chronic:ACUTE: SEVERE SHORT-TERM OVEREXPOSURE MAY LEAD TO CENTRAL NERVOUS SYSTEM DISORDERS. CH

RONIC: PROLONGED

OVERXPOSURE TO LEAD CAN RESULT IN SYSTEMIC POISONING. MAY CAUSE DAMAGE TO THE BLOOD-FORMING, NERV OUS, KIDNEYS AND REPRODUCTIVE SYSTEMS. DAMAGE MAY INCLUDE REDUCED FERTILITY IN BOTH MEN & WOMEN, DAMAGE TO THE FETUS OF EXPOSED PREGNANT WOMEN, ANEMIA, MUSCULAR WEAKNESS AND KIDNEY DYSFUNCTION.

Explanation of Carcinogenicity: NO DATA PROVIDED BY MANUFACTURER.

Effects of Overexposure:ACUTE:DROWSINESS, SEIZURES, COMA AND DEATH. CHRONIC:METALLIC TASTE, ANEMIA, IN

SOMNIA, WEAKNESS, CONSTIPATION,

ABDOMINAL PAIN, GASTROINTESTINAL DISORDERS, JOINT AND MUSCLE PAIN AND MUSCULAR WEAKNESS AN D MAY CAUSE DAMAGE TO THE BLOOD FORMING, NERVOUS KIDNEYS AND REPRODUCTIVE SYSTEMS. DAMAGE MAY INCLUDE REDUCED FERTILITY IN BOTH MEN AND WOMEN. DAMAGE TO THE FETUS OF EXPOSED PREGNANT WOMEN, ANEMIA, MU SCULAR WEAKNESS AND KIDNEY DYSFUNCTION.

Medical Cond Aggravated by Exposure: DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS, KIDNEYS, NERVOUS AND POS SIBLY REPRODUCTIVE SYSTEMS.

========= F	First Aid Measures	
-------------	--------------------	--

First Aid:INHALATION: REMOVE FROM EXPOSURE AND CALL A PHYSICIAN. SKIN: WASH AFFECTED AREAS WITH SOAP AND WATER. IF BURNS SHOULD OCCUR FROM MOLTEN METAL TREAT FOR BURN AND GET IMMEDIATE MEDICAL ASSISTANCE. EYE: FLUSH EYES WITH WATER FOR 15 MINUTES, CALL A PHYSICIAN. INGESTION: INGEST LARGE QUANTITIES OF WATER, CALL A PHYSICIAN.

====== Fire Fighting Measures ======

==========

Flash Point:=148.9C, 300.F

CORE

Extinguishing Media:USE CO2 OR DRY CHEMICAL ON SURROUNDING FIRE Fire Fighting Procedures:USE NIOSH/MSHA APPROVED SELF-CONTAINED BREATHING APPARATUS AND FULL BODY PROTECTIVE CLOTHING.

Unusual Fire/Explosion Hazard:MOLTEN METALS PRODUCE FUME OR VAPOR THAT MAY BE TOXIC AND/OR RESPIRATORY IRRITANTS. REACTS VIOLENTLY WITH OXIDIZING AGENTS.

======== Accidental Release Measures ===========

Spill Release Procedures: ANY METH

OD THAT KEEPS DUST TO A MINIMUM IS

ACCEPTABLE. VACUUMING IS PREFERRED. USE OF APPROVED RESPIRATORY PROTECTION WHERE POSSIBILITY OF DUST/FUME EXPOSURE EXISTS. DO NOT USE COMPRESSED AIR FOR CLEA NING.

Neutralizing Agent:NO DATA PROVIDED BY MANUFACTURER.

========== Handling and Storage ===============

Handling and Storage Precautions: HANDLING: NONE. STORAGE: GENERAL STORAGE PROCEDURES ACCEPTABLE.

Other Precautions: SPECIAL PRECAUTIONS, PROCEDURES, LABEL INSTRUCTIONS:

SPECIAL ATTENTION IS DRAWN TO THE REQUIREMENTS OF THE OSHA LEAD STANDARD (1910.1025) AND RESPIRATOR STANDARD (1910.134) SHOULD AIRBORNE EXPOSURES E XCEED THE OSHA ACTION LEVEL OR PEL.

===== Exposure Controls/Personal Protection ========

Respiratory Protection:WHERE AIRBORN EXPOSURES MAY EXCEED OSHA/ACGIH PERMISSIBLE AIR CONCENTRATIONS, THE MINIMUM RESPIRATORY PROTECTION RECOMMENDED IS A NEGATIVE PRESSURE AIR PURIFYING RESPIRATOR WITH CARTRIDGES THA

T ARE NI OSH/MSHA APPROVED AGAINST DUST, FUMES AND MISTS HAVING A TWA NOT LESS THAN 0/05 MG/CU M.

Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED FOR DUST AND/OR FUME GENERATION OPERATIONS WHERE AIRBORN EXPOSURES MAY EXCEED PERMISSIBLE AIR CONCENTRATIONS.

Protective Gloves:GLOVES RECOMMENDED IF SKIN CONTACT IS APPRECIABLE Eye Protection:SAFETY GLASSES

Other Protective Equipment:PROTECTIVE CLOTHING RECOMMENDED IF SKIN CONTACT IS APPRECIABLE.

Work Hygienic Practices: AVOID INHA

RECOMMENDED IF SIGNIFICANT DUST EXPOSURE OCCURS. Supplemental Safety and Health NO DATA PROVIDED BY MANUFACTURER
======================================
HCC:N1 Boiling Pt:>1300.C, 2372.F Melt/Freeze Pt:M.P/F.P Text:179-312C Spec Gravity:7.3 - 11.3 Solubility in Water:INSOLUBLE Appearance and Odor:SILVER-WHITE METAL ===================================
Stability Indicator/Materials to Avoid:YES STRONG OXIDIZERS MAY CAUSE VIOLENT REACTION Hazardous Decomposition Products:AT TEMERATURES ABOVE THE MELTING POINT, TOXIC FUMES OR VAPORS MAY BE EMITTED.
========== Toxicological Information =============
Toxicological Information:NO DATA PROVIDED BY MANUFACTURER.
============= Ecological Information ===============
Ecological:NO DATA PROVIDED BY MANUFACTURER.
========= Disposal Co nsiderations ======== Disposal Co
Waste Disposal Methods:DISPOSER MUST COMPLY WITH FEDERAL, STATE AND LOCAL DISPOSAL OR DISCHARGE LAWS. IF HAZARDOUS UNDER 40 CFR 261, SUBPARTS B AND C, MATERIALS MUST BE TREATED OR DISPOSED IN A FACILITY MEETING THE REQUIREM ENTS OF 40 CFR 254 OR 25. IF NON-HAZARDOUS, MATERIAL SHOULD BE DISPOSED IN A FACILITY MEETING THE RE QUIREMENTS OF 40 CFR 257
========= MSDS Transport Information ============
Transport Information:N

HOUSEKEEPING AND PERSONAL HYGIENE PROCEDURES. A SHOWER IS

LATION OR INGESTION. PRACTICE GOOD

SARA Title III Information: SECTION 313: LEAD, CAS# 7439-92-1, 0-100%; SILVER, CAS# 7440-22-4,

O DATA PROVIDED BY MANUFACTURER.