View NSN Online: https://aerobasegroup.ae/nsn/3439-00-912-8698

BOW ELECTRONIC SOLDERS -- SOLU-CORE SOLDER TIN/LEAD/SILVER ALLOYS

3439-00-912-8698

Product ID:SOLU-CORE SOLDER TIN/LEAD/SILVER ALLOYS

MSDS Date:05/01/2000

FSC:3439

NIIN:00-912-8698 Status Code:A

MSDS Number: CKYVG === Responsible Party ===

Company Name: BOW ELECTRONIC SOLDERS

Address:1 CROSSMAN RD

City:SAYREVILLE

State:NJ ZIP:08872 Country:US

Info Phone Num:732

-316-2100

Emergency Phone Num:800-535-5053 (INFOTRAC)

CAGE:3A822

=== Contractor Identification ===

Company Name: BOW ELECTRONIC SOLDERS (REPLACED BY CAGE 52329)

Address:1 CROSSMAN RD

Box:City:NEWWARK

State:NJ ZIP:07100 Country:US

Contract Num:SP0490-98-M-M844

CAGE:3A822

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

Ingred Name:TIN CAS:7440-31-5

RTECS #:XP7320000 Minumum % Wt:0.

Maxumum % Wt:100. OSHA PEL:2.0 MG/M3

ACGIH TLV:2 MG/M3

Ingred Name:LEAD CAS:7439-92-1

RTECS #:

OF7525000 Minumum % Wt:0. Maxumum % Wt:100. OSHA PEL:0.5 MG/M3 ACGIH TLV:0.15 MG/M3 EPA Rpt Qty:1 LB DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY CAS:7440-36-0 RTECS #:CC4025000 < Wt:2. OSHA PEL:0.5 MG/M3 ACGIH TLV:0.5 MG/M3 EPA Rpt Qty:5000 LBS DOT Rpt Qty:5000 LBS

Ingred Name:SILVER
CAS:7440-22-4
RTECS #:VW3500000
< Wt:5.
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

Ingred Name:MIXED AMINE SALTS Minumum % Wt:1.
Maxumum % Wt:3.

Health Hazards Acute and Chronic:ACUTE: LEAD MAY LEAD TO CENTRAL NERVOUS SYSTEM DISORDERS, CHARACTERIZED BY DROWSINESS, SEIZURES, COMA AND DEATH. EXPOSURES OF THIS MAGNITUDE IN AN INDUSTRIAL ENVIRONMENT ARE EXTREMELY UNLIKELY. CHRONI C: LEAD CAN RESULT IN SYSTEMIC POISONING WITH SYMPTOMS OF METALLIC TASTE, ANEMIA, INSOMNIA, WEAKNESS, CONSTIPATION, ABDOMINAL PAIN, GASTROINTESTINAL DISORDERS, JOINT AND MUSCLE PAIN AND MUSCULAR WEAKN ESS AN

D MAY

CAUSE DAMAGE TO BLOOD-FORMING, NERVOUS, KIDNEYS, AND REPRODUCTIVE SYSTEMS. DAMAGE MAY INCLUDE REDUCED FERTILITY IN BOTH MEN AND WOMEN, DAMAGE TO FETUS OF EXPOSED PREGNANT WOMEN, ANEMIA, MU SCULAR WEAKNESS AND KIDNEY DYSFUNCTION.

Explanation of Carcinogenicity:SPECIAL PRECAUTIONS, PROCEDURES, LABEL INSTRUCTION: SPECIAL ATTENTION IS DRAWN TO THE REQUIREMENTS OF THE OSHA LEAD STANDARD (1910.1025) AND RESPIRATOR STANDARD (1910.134) SHOULD AIRBORN EXPOSURES EXC EED T

HE OSHA ACTION LEVEL AND PEL.

Effects of Overexposure:DROWSINESS, SEIZURES, COMA, AND DEATH, SYSTEMIC POISONING, METALLIC TASTE, ANEMIA, INSOMNIA, WEAKNESS, CONSTIPATION, ABDOMINAL PAIN, GASTROINTESTINAL DISORDERS, JOINT AND MUSCLE PAIN AND MUSCULAR WEAK NESS, DAMAGE TO BLOOD-FORMING, NERVOUS, KIDNEYS, AND REPRODUCTIVE SYSTEMS, REDUCED FERTILITY IN BOTH MEN AND WOMEN, DAMAGE TO FETUS OF EXPOSED PREGNANT WOMEN, ANEMIA, MUSCULAR WEAKNESS, AND KIDNEY DYS FUNCTION.

Medical Co

nd Aggravated by Exposure:DISEASES OF THE BLOOD AND BLOOD FORMING ORGANS, KIDNEYS, NERVOUS AND POSSIBLY REPRODUCTIVE SYSTEMS.

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

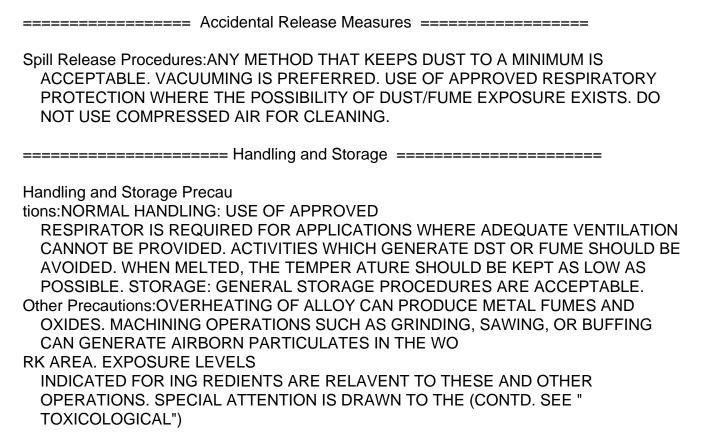
INGESTION: INGEST LARGE QUANTITIES OF WATER, CALL A PHYSICIAN.

Flash Point:=204.4C, 400.F

METAL 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. DO NOT USE WATER ON FIRE WHERE MOLTEN METAL IS PRESENT.

Unusual Fire/Explosion Hazard:MOLTEN METALS PRODUCE FUME OR VAPOR THAT M



AY BE TOXIC AND/OR RESPIRATORY IRRITANTS. REACTS VIOLENTLY WITH

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

Respiratory Protection:WHERE AIRBORNE EXPOSURES MAY EXCEED OSHA/ ACGIH PERMISSIBLE AIR CONCENTRATIONS, THE MINIMUM RESPIRATORY PROTECTION RECOMMENDED IS A NEGATIVE PRESSURE AIR PURIFYING RESPIRATOR WITH CARTRIDGES THAT ARE NIOSH/ MSHA APPROVED A

GAINST DUST, FUMES, AND

OXYDIZING AGENTS.

MISTS HAVING A TWA NOT LESS THAN 0.05 MG/ M3.

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 RECOMMENDED WHEN DUST PARTICLES AND HANDLING MOLTEN METAL EXISTS

Other Protective Equipment:PROTECTIVE CLOTHING RECOMMENDED IF SKIN CONTACT IS APPRE

CIABLE. A SHOWER IS RECOMMENDED IF SIGNIFICANT DUST EXPOSURE OCCURS. Work Hygienic Practices: AVOID INHALATION OR INGESTION. PRACTICE GOOD HOUSEKEEPING AND PERSONAL HYGIENE PROCEDURES. SHOWER IS RECOMMENDED IF SIGNIFICANT DUST EXPOSURE OCCURS. Supplemental Safety and Health ======== Physical/Chemical Properties =========== HCC:N1 Boiling Pt:>1300.C, 2372.F Melt/Freeze Pt:=179.C, 354.2F M.P/F.P Text:179C TO 312C (METAL) Decomp Temp:Decomp Text:FLUX DECOMPOSES W/ HE AT Spec Gravity: 7.3 TO 11.3 (METAL) Solubility in Water:FLUX SOLUBLE. Appearance and Odor: SOLID, SILVER-WHITE METAL, CORE HAS PLEASANT ODOR. ======== Stability and Reactivity Data ========== Stability Indicator/Materials to Avoid:YES STRONG ACIDS, SULFUR, CHLRINE, BROMINE, IODINE, AND HALOGEN ACIDS. STRONG OXIDIZERS MAY CAUSE VIOLENT REACTION. Stability Condition to Avoid: OPEN FLAMES Hazardous Decomposition Products: AT TEMPERATURES ABOVE THE MELTING POINT, TOXIC FUMES OR VAPORS MAY BE EMITTED. ======= Toxicological Information ============

Toxicological Information:(CONTD. FROM "OTHER PRECAUTIONS")
REQUIREMENTS OF THE OSHA LEAD STANDARD (1910.1025) AND RESPIRATOR
STANDARD (1910.134) SHOULD AIRBORNE EXPOSURES EXCEED THE OSHA
ACTION LEVEL AND PEL.

========= Ecological Information ==============

Ecological:(CONTD. FROM " WASTE DISPOSAL") RCRA STATUS OF UNUSED MATERIAL: IF DISCARDED IN UNALTERED FORM,

MATERIAL SHOULD BE TESTED TO DETERMINE IF IT MUST BE CLASSIFIED AS A HAZARDOUS WASTE FOR DISPOSAL PURPOS ES. UNDER SPECIFIC CIRCUMSTANCES, APPLICATION CAN BE MADE TO THE EPA ADMINISTRATOR TO HAVE A PARTICULAR WASTE DESIGNATED NON-HAZARDOUS.
======= Disposal Considerations ==========
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, MATERIAL MUST BE TREATED OR DISPOSED IN A
FACILITY MEETING REQUIREMENTS OF 40 CFR 254 OR 265. IF NON-HAZARDOUS, MATERIAL SHOULD BE DISPOSED IN A FACILITY MEETING THE REQUI REMENTS OF 40 CFR 257. (CONTD. SEE "ECOLOGICAL")
========= MSDS Transport Information ===========
Transport Information:NOT REGULATED BY D.O.T.
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SARA Title III Information:LISTED BY SARA I I I SECTION 313 CHEM.: LEAD, CAS#, 7439-92-
1; ANTIMONY, CAS# 7440-36-0; SILVER, CAS#7440-22-4.
State Regulatory Information:PROPOSITION 65: WARNING: THIS PRODUCT CONTAINS LEAD, WHICH IS KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS OR OTHER REPRODUCTIVE HARM.
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