

BOW SOLDER PRODUCTS CO INC -- ROSIN CORE SOLDER -- 3439-00-438-6292

===== Product Identification =====

Product ID:ROSIN CORE SOLDER

MSDS Date:02/14/1991

FSC:3439

NIIN:00-438-6292

MSDS Number: BLFFM

=== Responsible Party ===

Company Name:BOW SOLDER PRODUCTS CO INC

Address:900 HOBSON ST

Box:488

City:UNION

State:NJ

ZIP:07083

Country:US

Info Phone Num:201-686-6040/800-526-4496

Emergency Phone Num:800-

535-5053/800-526-4496

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

Fraction by Wt: 0 - 100%

Other REC Limits:NONE SPECIFIED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9192

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF752

5000  
Fraction by Wt: 0 - 100%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9192  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY (SARA III)  
CAS:7440-36-0  
RTECS #:CC4025000  
Fraction by Wt: < 2%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG SB/M3; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ROSIN ACID  
CAS:8050-09-7  
Fraction by Wt: 1 - 3%  
Other REC Limits:NONE SPECIFIED

Ingred Name:COPPER (SARA III)  
CAS:7440-  
50-8  
RTECS #:GL5325000  
Fraction by Wt: < 2%  
Other REC Limits:NONE SPECIFIED  
OSHA PEL:0.1MG/M3 FUME/1 DUST  
ACGIH TLV:0.2MG/M3 FUME; 9192  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE-SEVERE SHORT-TERM OVEREXPOSURE  
MAY LEAD TO CNS DISORDERS,CHARACTERIZED BY  
DROWSINESS,SEIZURES,C

OMA+DEATH.IT SHOULD BE RECOGNIZED THAT EXPOSURES OF THIS MAGNITUDE IN AN INDUSTRIAL ENVIRONMENT ARE EXTREMELY UNLIKELY.CHRONIC-SYSTEMIC LEAD POISONING,GI DISORDERS,JOINT & MUSCLE PAIN,KIDNEY DYSFUNCTION.

Effects of Overexposure:METALLIC TASTE IN THE MOUTH,ANEMIA,INSOMNIA,WEAKNESS,CONSTIPATION,ABDOMINAL PAIN,GI DISORDERS,MUSCULAR WEAKNESS,JOINT & MUSCULE PAIN,REDUCED FERTILITY IN BOTH MEN & WOMEN,DAMAGE TO THE BLOOD FORMING,N ERVOUS,KIDNEYS & REPRODUCTIVE SYSTEMS,DAMA

GE TO THE FETUS OF EXPOSED PREGNANT WOMEN.

Medical Cond Aggravated by Exposure:DISEASE OF THE BLOOD AND BLOOD FORMING ORGANS, KIDNEYS, NERVOUS AND POSSIBLY REPRODUCTIVE SYSTEMS

===== First Aid Measures =====

First Aid:SEEK MEDICAL ATTENTION IN ALL CASES.EYES:FLUSH WITH WATER FOR 15 MINUTES.SKIN:FLUSH WITH WATER IMMEDIATELY.TREAT FOR BURNS.INHALATION:REMOVE TO FRESH AIR.SUPPORT RESPIRATION IF REQUIRED.INGESTION:CALL A PHYSICIAN IMMEDIATELY.

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

Flash Point:CORE 300F

Extinguishing Media:DRY SAND, DRY CHEMICAL. DO NOT USE WATER ON FIRE WHERE MOLTEN METAL IS PRESENT.

Fire Fighting Procedures:USE SELF CONTAINED BREATHING APPARATUS ABOVE 1000 C (1832 F).

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

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

Spill Release Procedures:COLLECT AND USE.IF CONTAMINATED OR IN SMALL PARTICLES,VACUUM OR COLLECT MATERIAL.NEVER USE METHODS WHICH GENERATE DUST (COMPRESSED AIR FOR CLEANING). USE APPROVED RESPIRATORY PROTECTION WHERE DUSTS/FU MES ARE PRESENT.

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

Handling and Storage Precautions:STORAGE-STORE AWAY FROM OXIDIZING MATERIALS.

Other Precautions:AVOID CONTACT WITH FUMES AND DUST.OVERHEATING OF AL

LOY CAN PRODUCE METAL FUMES AND OXIDES.GRINDING,SAWING OR BUFFING  
CAN GENERATE AIRBORNE PARTICULATE.WORK IN WELL VENTILATED AREA.

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

Respiratory Protection:ABOVE TLV, THE MINIMUM RESPIRATORY PROTECTION  
RECOMMENDED IS A NEGATIVE PRESSURE AIR PURIFYING RESPIRATOR WITH  
CARTRIDGES THAT ARE NIOSH/MSHA APPROVED AGAINST DUST, FUMES AND  
MISTS HAVING A TWA NOT LESS THAN 0.05 MG/CU M.

Ventilation:LOCAL EXHAUST

Protective Clothing:

Heat Resistant During Soldering

Eye Protection:GOGGLES/FACE SHIELD DURING SOLDERING

Other Protective Equipment:AS REQUIRED TO AVOID CONTACT.

Work Hygienic Practices:WASH AFTER USE. FOLLOW GOOD INDUSTRIAL HYGIENIC  
PRACTICE.

Supplemental Safety and Health

===== Physical/Chemical Properties =====

HCC:N1

Boiling Pt:B.P. Text:>2372F

Spec Gravity:7.3 - 11.3

Solubility in Water:INSOLUBLE

Appearance and Odor:SILVER-WHITE METAL, CORE HAS SLIGHT ROSIN ODOR

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===== Stability and Reactivity Data =====

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS MAY CAUSE VIOLENT REACTION.

Stability Condition to Avoid:NONE

Hazardous Decomposition Products:TOXIC FUMES OR VAPORS ABOVE THE  
MELTING POINT

===== Disposal Considerations =====

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

CARDED IN UNALTERED FORM, MATERIAL SHOULD BE  
TESTED TO DETERMINE IF IT MUST BE CLASSIFIED AS A HAZARDOUS WASTE  
FOR DISPOSAL.

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