

BOW SOLDER PRODUCTS CO. -- ROSIN CORE SOLDER, WRA, WRMA, WR -- 3439-01-008-7578

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Product Identification
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Product ID:ROSIN CORE SOLDER, WRA, WRMA, WR

MSDS Date:09/01/1986

FSC:3439

NIIN:01-008-7578

MSDS Number: BJMGR

=== Responsible Party ===

Company Name:BOW SOLDER PRODUCTS CO.

Address:900 HOBSON STREET

Box:488

City:UNION

State:NJ

ZIP:07083

Country:US

Info Phone Num:800-526-4496

Emergenc

y Phone Num:201-686-6040

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

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Composition/Information on Ingredients
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Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 1-99%

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:TIN
CAS:7440-31-5
RTECS #:XP7320000
Fraction by Wt: 1-99%
Other REC Limits:NONE SPECIFIED
OSHA PEL:2 MG/M3
ACGIH TLV:2 MG/M3; 9192

Ingred Name:ROSIN ACID
CAS:8050-09-7
Other REC Limits:NONE SPECIFIED

Ingred Name:DIPROPYLENE GLYCOL
CAS:110-98-5
RTECS #:UB8785000
Other REC Limits:NONE SPECIFIED

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

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO
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Health Hazards Acute and Chronic:LEAD POISONING AFTER LONG-TERM EXTREME
EXPOSURE FROM INGESTION OR INHALTION OF COMPOUNDS OR FUMES.

Explanation of Carcinogenicity:NONE OF THE CHEMICALS IN THIS PRODUCT IS
LISTED BY IARC, NTP OR OSHA AS A CARCINOGEN.

Effects of Overexposure:SYMPTOMS OF LEAD POISONING: METALLIC TASTE,
ABDOMINAL PAIN, CONFUSION, LEAD LINE ON GUMS, NAUSEA, JOINT OR
MUSCLE PAIN OR WEAKNESS, POSSIBLE LOSS OF WEIGHT.

Medical Cond Aggravated by Exposure:NONE SPECIFIED BY M
ANUFACTURER.

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

First Aid:INHALATION: REMOVE SUBJECT TO FRESH AIR. IF BURNED FROM
MOLTEN METAL, GIVE ORDINARY BURN FIRST AID. DO NOT ATTEMPT TO
REMOVE ROSIN FROM SECOND OR THIRD DEGREE BURNS. USE SOLVENTS TO
REMOVE ROSIN FROM MINOR FIRST DEGREE BURNS.

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

Flash Point:300 F CORE
Extinguishing Media:USE WATER FOG, CARBON DIOXIDE, FOAM, OR DRY
CHEMI

CAL.

Fire Fighting Procedures:IN EXTREMELY HIGH TEMPERATURE FIRES, LEAD MAY
EMIT TOXIC FUMES. USE A SELF-CONTAINED RESPIRATORY SYSTEM.

Unusual Fire/Explosion Hazard:MODERATE HAZARD WHEN HIGH CONCENTRATION
OF VERY FINE METALLIC DUST IS EXPOSED TO HIGH HEAT OR OPEN FLAME.

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

Spill Release Procedures:NORMAL HOUSEKEEPING FOR SOLID METAL. METALLIC
POWDER OR DUST SHOULD BE VACUUMED OR WET SWEEPED USING A RESPIRATOR
AND PR

TECTIVE CLOTHING.

Neutralizing Agent:NONE APPLICABLE FOR THIS MATERIAL

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

Handling and Storage Precautions:USE GOOD HOUSEKEEPING PRACTICES TO
PREVENT ACCUMULATING OF DUST AND TO KEEP AIRBORNE DUST
CONCENTRATIONS AT A MINIMUM.

Other Precautions:AVOID BREATHING DUST OR FUMES. WASH HANDS AFTER
HANDLING. DO NOT SMOKE OR EXPOSE FOOD TO DUST. KEEP AREA CLEAN.

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

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Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:PROVIDE SUFFICIENT MECHANICAL (GENERAL AND /OR LOCAL
EXHAUST) VENTILATION TO MAINTAIN EXPOSURE LEVELS BELOW TLV'S.

Protective Gloves:NOT USUALLY NECESSARY.

Eye Protection:FACE SHIELD/EYE GOGGLES WHEN SOLDERING.

Other Protective Equipment:EYEWASH STATIONS SHOULD BE IN CLOSE
PROXIMITY.

Work Hygienic Practices:WASH THOROUGHLY AFTER HANDLING AND BEFORE
EATING. NO EATING, DRINKING, SMOKING, OR APPLYING COSMETICS AROUND

SOLDER USE.

Supplemental Safety and Health

SINCE EMPTY CONTAINERS MAY RETAIN PRODUCT RESIDUES ALL LABELED HAZARD
PRECAUTIONS MUST BE OBSERVED.

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

HCC:N1

Boiling Pt:B.P. Text:250 F CORE

Vapor Pres:NONE@750 F

Spec Gravity:1.1 CORE

Solubility in Water:INSOLUBLE

Appearance and Odor:CLEAR SOLID AT ROOM TEMPERATURE WITH LIGHT ROSIN
ODOR.

Percent Volatiles by Volume:10-25%

===== Stability and Reactivity Data

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Stability Indicator/Materials to Avoid: YES

ACIDS, BASES AND OXIDIZERS. MOLTEN METAL MAY REACT VIOLENTLY WITH WATER.

Stability Condition to Avoid: NONE

Hazardous Decomposition Products: TEMPERATURE ABOVE MELTING POINT MAY EMIT TOXIC FUMES.

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

Waste Disposal Methods: SCRAP DRIPPINGS AND DROSSES SHOULD BE STORED IN A CLOSED CONTAINER AND RETURNED TO A LEAD RECYCLER. FOLLOW FEDERAL, STATE AND LOCAL REGULATIONS REGARDING DISPOSAL.

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