

BOW SOLDER PRODUCTS CO INC -- ROSIN CORE IN WIRE SOLDER -- 3437-01-038-0526

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Product Identification
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Product ID:ROSIN CORE IN WIRE SOLDER

MSDS Date:03/18/1995

FSC:3437

NIIN:01-038-0526

MSDS Number: CCMSG

=== 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:908-686-6040

Emergency Phone Num:

INFOTRAC 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

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Composition/Information on Ingredients
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Ingred Name:ROSIN ACID

CAS:8050-09-7

Fraction by Wt: 94.5%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ORGANIC AMINE HYDROCHLORIDE

Fraction by Wt: 1.1%

Other REC Limits:NONE RECOMMENDED

Ingred Name:NON-HAZARDOUS INGREDIENTS

Fraction by Wt: BALANCE

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:NOT GIVEN FOR PRODUCT AS A WHOLE

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

Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO

Health Hazards Acute and Chronic:IF MOLTEN MATERIAL COMES IN CONTACT WITH THE SKIN, BURNS/TISSUE DAMAGE COULD RESULT. PROLONGED INHALATION OF VAPORS FORMED WHEN HEATED WITH INADEQUATE VENTILATION MAY RESULT IN SYMPTOMATIC IRRITATION.

Explanation of Carcinogenicity:THIS COMPOUND CONTAINS NO INGREDIENTS AT CONCENTRATIONS OF 0.1% OR GREATER THAT ARE CARCINOGENS OR SUSPECT CARCINOGENS.

Effects of Overexposure:SKIN BURNS, TISSUE DAMAGE, RESPIRATORY TRACT IRRITATION.

Medical Cond Aggravated by Exposure:CONTAINS A ROSIN DERIVATIVE. ROSIN AND SOME OF ITS DERIVATIVES HAVE BEEN REPORTED TO CAUSE AN ALLERGIC SKIN REACTION IN SENSITIVE INDIVIDUALS UNDER CERTAIN NON-INDUSTRIAL EXPOSURE CONDITIONS.

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

First Aid:IF MOLTEN MATERIAL COMES INTO CONTACT WITH THE SKIN, COOL UNDER A RUNNING STREAM OF WATER. DO NOT ATTEMPT TO REMOVE ROSIN FROM THE SKIN. REMOVAL COULD RESULT IN SEVERE TISSUE DAMAGE. GET MEDICAL ATTENTION. IF INHALED, REMOVE TO FRESH AIR. RESTORE BREATHING. GET MEDICAL ATTENTION.

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

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Flash Point:300F,149C

Lower Limits:NOT GIVEN

Upper Limits:NOT GIVEN

Extinguishing Media:USE FOAM, CARBON DIOXIDE, DRY CHEMICAL OR HALON

Fire Fighting Procedures:DO NOT USE WATER ON FIRE WHERE MOLTEN METAL IS PRESENT.

Unusual Fire/Explosion Hazard:MAY FORM FLAMMABLE DUST AIR MIXTURE.

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

Spill Release Procedures:ANY METHOD 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 CLEANING.

Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:GENERAL STORAGE PROCEDURES ACCEPTABLE. USE OF APPROVED RESPIRATORS IS REQUIRED FOR APPLICATIONS WHERE ADEQUATE VENTILATION CANNOT BE PROVIDED.

Other Precautions:ACTIVITIES WHICH GENERATE DUST OR FUME SHOULD BE AVOIDED. WHEN MELTED, THE TEMPERATURE SHOULD BE KEPT AS LOW AS POSSIBLE.

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===== 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 AGAINST DUST, FUMES.

Ventilation:LOCAL EXHAUST VENTILATION IS RECOMMENDED FOR DUST AND/OR FUME GENERATION OPERATIONS WHERE AIRBORNE EXPOSURES > PELs.

Protective Gloves:GLOVES RECOMMENDED IF CONTACT POSSIBLE

Eye Protection:SAFETY GLASSES

Other Protective Equipment:CHEMICAL RESISTANT CLOTHING AS NECESSARY TO PREVENT SKIN CONTACT. AN EMERGENCY EYEWASH AND SHOWER SHOULD BE AVAILABLE.

Work Hygienic Practices:WASH HANDS THOROUGHLY WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES.

Supplemental Safety and Health

BECAUSE THIS PRODUCT IS USED WITH TIN/LEAD SOLDERS, SPECIAL ATTENTION

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

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

HCC:N1

Boiling Pt:B.P. Text:480F,249C

Melt/Freeze Pt:M.P/F.P Text:178F,81C

Vapor Pres:NOT GIVEN

Vapor Density:10.8

Spec Gravity:1.1

Evaporation Rate & Reference:NOT GIVEN

Solubility in Water:INSOLUBLE

Appearance and Odor:LIGHT AMBER V

ISCOUS LIQUID, MILD ODOR

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

Stability Indicator/Materials to Avoid: YES

STRONG OXIDIZERS

Stability Condition to Avoid: NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products: NONE EXPECTED FROM ROSIN FLUX

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

Waste Disposal Methods: PREVENT WASTE FROM CONTAMINATING SURROUNDING ENVIRONMENT. DISCARD ANY PRODUCT, RESIDUE, DISPOSAL CONTAINER OR LINER IN A

CONCORDANCE WITH ALL FEDERAL, STATE AND LOCAL REGULATIONS.

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