

BOW SOLDER PRODUCTS CO INC -- ROSIN FLUX 600 SERIES -- 3439-00-220-3827

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Product Identification  
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Product ID:ROSIN FLUX 600 SERIES

MSDS Date:08/18/1999

FSC:3439

NIIN:00-220-3827

Status Code:A

MSDS Number: CJKZF

=== Responsible Party ===

Company Name:BOW SOLDER PRODUCTS CO INC

Address:1 CROSSMAN ROAD

City:SAYREVILLE

State:NJ

ZIP:08772

Country:US

Info Phone Num:732-316-2100

Emergency Phone

Num:800-535-5053

Resp. Party Other MSDS Num.:9909

Preparer's Name:JANES MINADEO

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

Company Name:JO-JON INC

Address:360 FREEPORT BLVD SUITE 1 & 2

Box:UNKNOW

City:SPARKS

State:NV

ZIP:89431

Country:US

Phone:702-356-6988

Contract Num:SP0490-99-M-W774

CAGE:009J0

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Composition/Information  
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on Ingredients =====

Ingred Name:ROSIN  
CAS:8050-09-7  
RTECS #:VL0480000  
Minumum % Wt:5.  
Maxumum % Wt:45.

Ingred Name:ISOPROPYL ALCOHOL  
CAS:67-63-0  
RTECS #:NT8050000  
Minumum % Wt:55.  
Maxumum % Wt:95.  
OSHA PEL:980 MG/M3;400 PPM  
ACGIH TLV:983 MG/M3;400 PPM  
ACGIH STEL:1230 MG/M3;500 PPM

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

LD50 LC50 Mixture:LD50: 6.5 G/KG. LC50: 20 G/KG.  
Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES  
Reports of Carcinogenicity:N  
TP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE- EYES: LIQUID AND SMOKE CAN CAUSE EYE IRRITATION. SKIN: SUBSTANCE MAY CAUSE SKIN IRRITATION. INGESTION: MAY CAUSE BURNING SENSATION IN THE DIGESTIVE TRACT. INHALATION: FUMES DURING SOLDERING MAY IRRITATE MUCOUS MEMBRANES AND RESPIRATORY SYSTEM. HIGH CONCENTRATIONS CAN CAUSE CENTRAL NERVOUS SYSTEM EFFECTS. CHRONIC- PROLONGED OR REPEATED SKIN CONTACT CAN RESULT IN A RASH.  
Explanation of Carcinogenicity:NOT SPECIFIED BY MANUFACTURER. HMIS- INGREDIENTS NOT FOUND ON THE NTP, IARC, OR OSHA LIST.  
Effects of Overexposure:INHALATION: HEADACHE, DIZZINESS, NARCOSIS, AND NAUSEA.

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

First Aid:EYES: REMOVE CONTACT LENSES. FLUSH WITH WATER OR SALINE FOR 15 MIN. GET MEDICAL AID. SKIN: WASH SKIN WITH SOAP AND WATER FOR 15 MIN. GET MEDICAL AID IF SYMPTOMS PERSIST. INGESTION: DO NOT INDUCE VOM ITING. IF CONSCIOUS, GIVE 1-2

GLASSES OF WATER. GET

MEDICAL AID. INHALATION: IMMEDIATELY REMOVE FROM EXPOSURE TO FRESH AIR. IF NOT BREATHING, GIVE ARTIFICIAL RESPIRATION. IF BREATHING IS DIFFICULT, GIVE OXYGEN. GET MEDICAL AID.

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Fire Fighting Measures  
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Flash Point:=18.C, 64.4F

Autoignition Temp:=382.C, 719.6F

Lower Limits:2.5

Upper Limits:15

Extinguishing Media:USE WATER SPRAY, DRY CHEMICAL,CARBON DIOXIDE, OR CHEMICAL FOAM.

Unusual Fire/Explosion Hazard:THIS MATE

RIAL IS FLAMMABLE NFPA RATING 3

/HMIS RATING 3. WILL BURIN IF INVOLVED IN A FIRE.

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Accidental Release Measures  
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Spill Release Procedures:REMOVE ALL SOURCES OF IGNITION. PROVIDE ADEQUATE VENTILATION. WEAR PERSONAL PROTECTION APPROPRIATE TO THE LEVEL OF SPILL. SPRINKLE ABSORBENT COMPOUND ONTO SPILL, THEN SWEEP INTO A PLASTIC OR METAL CON TAINER. WIPE UP FURTHER RESIDUE WITH PAPER TOWEL AND PLACE IN CONTAINER. WASH SPILL AREA WITH SOAP AND WATER.

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Handling and Storage  
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Handling and Storage Precautions:DO NOT EXPOSE CONTAINER TO HEAT OR FLAME. KEEP AWAY FORM SOURCES OF IGNITION. STORE IN A COOL, DRY, WELL VENTILATED AREA, AWAY FROM INCOMPATIBLE SUBSTANCES. AVOID CONTACT WITH EYES, SKIN, AND CLOTHIN G.

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Exposure Controls/Personal Protection  
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Respiratory Protection:WEAR A NIOSH APPROVED RESPIRATOR WITH AND ORGANIC VAPOR FILTER WHEN VEN TILATION IS NOT ADEQUATE.

Eye Protection:PROTECTIVE EYEGASSES OR CHEMICAL SAFETY GOGGLES.

Other Protective Equipment:WEAR PROTECTIVE CLOTHING TO PREVENT SKIN CONTACT.

Supplemental Safety and Health

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Physical/Chemical Properties  
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HCC:F2

Boiling Pt:=76.C, 168.8F

Vapor Pres:1 PSI AT 21 C

Vapor Density:1.8

Spec Gravity:0.86 - 0.93

pH:7

Solubility in Water:50%

Appearance and Odor:YELLOW TO AMBER LIQUID, ALCOHOL SMELL.

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Stability and Reac

tivity Data =====

Stability Indicator/Materials to Avoid: YES  
STRONG OXIDIZERS.

Stability Condition to Avoid: TEMPERATURES OVER 800 F. IGNITION SOURCES.  
Hazardous Decomposition Products: ALIPHATIC ALDEHYDES, ACIDS, TERPENES,  
CARBON DIOXIDE, AND CARBON MONOXIDE.

===== Toxicological Information =====

Toxicological Information: SENSITIZATION, TERATOGENICITY, REPRODUCTIVE  
TOXIN, & MUTAGENICITY ARE NOT YET KNOWN.

===== Ecological Info  
rmation =====

Ecological: AVOID RUNOFF INTO STORM SEWERS WHICH LEAD INTO WATERWAYS.  
WATER RUNOFF CAN CAUSE ENVIRONMENTAL DAMAGE.

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

Waste Disposal Methods: DISPOSE OF ANY UNUSED PORTION OF THE PRODUCT IN  
A CHEMICAL LANDFILL IN COMPLIANCE WITH LOCAL, STATE, AND FEDERAL  
REGULATIONS.

===== MSDS Transport Information =====

Transport Information: DOT: UN1987, PG II, CLASS 3.

===== Regulatory Information =====

SARA Title III Information: NONE OF THE CHEMICALS IN THIS PRODUCT HAVE A  
REPORTABLE QUANTITY FOR SECTION 313 TITLE III OF THE SARA OF 1986  
AND 40 CFR 372.

Federal Regulatory Information: MATERIAL IN THIS FORMULA ARE REGISTERED  
ON THE TSCA INVENTORY.

State Regulatory Information: THIS PRODUCT MAY BE USED WITH CHEMICALS  
KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER AND BIRTH DEFECTS  
OR OTHER REPRODUCTIVE HARM

===== Other Information =====

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