

BOW SOLDER PRODUCTS CO INC -- SOLDERING FLUX C-410 -- 3439-01-007-5494

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Product Identification  
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Product ID:SOLDERING FLUX C-410

MSDS Date:04/12/1990

FSC:3439

NIIN:01-007-5494

MSDS Number: CCKYH

=== 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 8

00-535-5053/800-526-4496

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:ISOPROPYL ALCOHOL (SARA 313)

CAS:67-63-0

RTECS #:NT8050000

Fraction by Wt: 65%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:400 PPM

ACGIH TLV:400 PPM/500STEL;9495

Ingred Name:W. W. ROSIN &

ACTIVATING AGENT

Fraction by Wt: 35%

Other REC Limits:NONE RECOMMENDED

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

LD50 LC50 Mixture:PRODUCT'S LD50 (ORAL RAT) WAS NOT STATED

Routes of Entry: Inhalation:YES Skin:YES Ingestion:YES

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

Health Hazards Acute and Chronic:INHALATION-DIZZINESS; SKIN-DRYNESS;  
INGESTION-TOXIC

Explanation of Carcinogenicity:MANUFACTURER GAVE NO INFORMATION ABOUT  
CARCINOGENICITY. HMIS FOUN

D NO LISTING & DOES NOT EXPECT IT TO BE  
CARCINOGENIC.

Effects of Overexposure:MFR GAVE NO INFORMATION OF MSDS.

Medical Cond Aggravated by Exposure:MFR GAVE NO INFORMATION OF MSDS.

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

First Aid:CLEAN SKIN W/RUBBING ALCOHOL, THEN W/MILD SOAP & WATER. FOR  
INHALATION, REMOVE PATIENT TO OPEN AREA & CALL PHYSICIAN. FOR  
INGESTION GIVE 2 TEASPOONS BAKING SODA IN GLASS OF WATER & CALL  
PHYSICIAN.

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

Flash Point Method:TCC

Flash Point:=13.3C, 56.F

Lower Limits:2.5

Upper Limits:5.2

Extinguishing Media:DRY CHEMICAL, CARBON DIOXIDE, FOAM

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

Spill Release Procedures:ELIMINATE IGNITION SOURCES. STOP SPILL AT  
SOURCE. CONTIAN SPILL. USE ABSORBENTS & REMOVE.

Neutralizing Agent:MFR GAVE NO INFORMATION OF MSDS.

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

Handlin

g and Storage Precautions:TREAT AS FLAMMABLE LIQUID.  
Other Precautions:MFR GAVE NO INFORMATION OF MSDS.

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

Respiratory Protection:USE IN EXHAUSTED OR WELL VENTILATED AREA.  
Ventilation:USE NON-SPARKING, EXPLOSION PROOF MECHANICAL (GENERAL)  
VENTILATION EQUIPMENT.  
Protective Gloves:MFR GAVE NO INFORMATION OF MSDS.  
Eye Protection:SIDE SHIELDED SPECTICLES  
Other Protective Equipment:MFR GAVE NO INFORMATION OF MSDS.  
Work Hygienic P  
ractices:MFR GAVE NO INFORMATION OF MSDS.  
Supplemental Safety and Health  
MSDS RECEIVED FROM THE NAVY (FOCAL POINT N). NSN IDENTIFIED BY FOCAL  
POINT N.

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

HCC:F2  
NRC/State Lic Num:NONE  
Boiling Pt:=81.7C, 179.F  
Melt/Freeze Pt:=18.3C, 65.F  
Vapor Pres:40 MM  
Vapor Density:2.1  
Spec Gravity:0.895  
Evaporation Rate & Reference:7.7 (N-BUAC = 1)  
Solubility in Water:SLIGHT  
Appearance and Odor:LIGHT STRAW LIQUID, ALCOHOL ODOR

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

Stability Indicator/Materials to Avoid:YES  
MFR GAVE NO INFORMATION OF MSDS.  
Stability Condition to Avoid:OPEN FLAME, SPARKS  
Hazardous Decomposition Products:MFR GAVE NO INFORMATION OF MSDS.  
Conditions to Avoid Polymerization:WILL NOT OCCUR.

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

Waste Disposal Methods:LANT FILL WHERE PERMITTED. NON-VOLITILE RESIDUE  
IS ROSIN.

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ion by the compiling agencies):

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