

KESTER SOLDER COMPANY DIV OF LITTON SYSTEMS INC -- SN63 -- 3439-00-153-4280

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Product Identification  
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Product ID:SN63

MSDS Date:12/12/1988

FSC:3439

NIIN:00-153-4280

MSDS Number: BPXVT

=== Responsible Party ===

Company Name:KESTER SOLDER COMPANY DIV OF LITTON SYSTEMS INC

Address:515 E TOUHY

City:DES PLAINES

State:IL

ZIP:60018-2675

Country:US

Info Phone Num:708-297-1600

Emergency Phone Num:

708-297-1600

CAGE:09185

=== Contractor Identification ===

Company Name:KESTER SOLDER COMPANY

Address:515 E. TOUHY AVENUE

Box:City:DES PLAINES

State:IL

ZIP:60018

Country:US

Phone:800-424-9300

CAGE:09185

Company Name:KESTER SOLDER DIVISION OF LITTON SYSTEMS, INC.

Address:515 E. TOUHY AVENUE

Box:City:DES PLAINES

State:IL

ZIP:60018

Country:US

Phone:847-297-1600

CAGE:75297

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Composition/Information on Ingredients  
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Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction b

y Wt: 63%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9293

Ingred Name:LEAD (SARA III)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: 36.65%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.05 MG/M3;1910.1025  
ACGIH TLV:0.15 MG/M3;DUST 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY (SARA III)  
CAS:7440-36-0  
RTECS #:CC4025000  
Fraction by Wt: 35%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG SB/M3; 9293  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:  
5000 LBS

Ingred Name:BISMUTH  
CAS:7440-69-9  
RTECS #:EB2600000  
Other REC Limits:NONE RECOMMENDED

Ingred Name:CADMIUM (SARA III)  
CAS:7440-43-9  
RTECS #:EU9800000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:SEE 1910.1027  
ACGIH TLV:0.01 MG/M3 DUST;9394  
EPA Rpt Qty:10 LBS  
DOT Rpt Qty:10 LBS

Ingred Name:SILVER (SARA III)  
CAS:7440-22-4  
RTECS #:VW3500000  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3; 9293  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

===== Hazards Ide

ntification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:NO  
Reports of Carcinogenicity:NTP:NO IARC:NO OSHA:NO  
Health Hazards Acute and Chronic:ACUTE: INHALATION OF FUMES DURING USE  
MAY CVAUSE RESPIRATORY TRACT AND THROAT IRRITATION. CONTACT OR  
FUMES MAY CAUSE EYE IRRITATION. CONTACT WITH SKIN MAY CAUSE  
ALLERGIC REACTION. CHRONIC: NONE SPECIF IED BY MANUFACTURER.  
Explanation of Carcinogenicity:NO INGREDIENT OF A CONCENTRATION OF 0.1%  
OR GREATER IS  
LISTED AS A CARCINOGEN OR SUSPECTED CARCINOGEN.  
Effects of Overexposure:INHALED: COUGHING, SNEEZING, SORE THROAT,  
DIZZINESS, HEADACHE. EYES: REDNESS, TEARING, BLURRED VISION. SKIN:  
RASH, DISCOMFORT. INGESTED: NONE SPECIFIED BY MANUFACTURER.  
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES. SEE DOCTOR.  
SKIN: WASH WITH SOAP AND WATER. INHALE  
D: MOVE TO FRESH AIR.  
INGESTED: NONE SPECIFIED BY MANUFACTURER.

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

Flash Point Method:COC  
Flash Point:420F,216C  
Extinguishing Media:WATER, CARBON DIOXIDE, ALCOHOL FOAM, DRY CHEMICAL  
Fire Fighting Procedures:NONE SPECIFIED BY MANUFACTURER. WEAR  
SELF-CONTAINED BREATHING APPARATUS AND BUNKER GEAR.  
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

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Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER. HMIS: SWEEP UP  
ANY SPILLED MATERIAL AND EITHER PLACE IN A CONTAINER FOR LATER  
DISPOSAL OR RECYCLE.  
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:DO NOT PLACE FLUX CORED SOLDER WIRE IN  
A HOT SOLDER POT. THE FLUX MAY IGNITE.  
Other Precautions:AVOID EYE CONTACT WITH HOT FLUX. AVOID BREATHING  
SMOKE DURING SOLDERING.

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

Respiratory Protection:NONE NORMALLY REQUIRED.  
Ventilation:USE LOCAL EXHAUST OR ADEQUATE MECHANICAL VENTILATION.  
Protective Gloves:NONE NORMALLY REQUIRED.  
Eye Protection:SAFETY GLASSES  
Other Protective Equipment:NONE  
Work Hygienic Practices:WASH HANDS AFTER USE AND BEFORE EATING,  
DRINKING, OR SMOKING.  
Supplemental Safety and Health

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

HCC:N1  
Spec Gravity:1.  
08  
Solubility in Water:NEGLIGIBLE  
Appearance and Odor:SOILD AMBER CORE INSIDE SOLDER WIRE  
Percent Volatiles by Volume:4.5

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

Stability Indicator/Materials to Avoid:YES  
STRONG OXIDIZING AGENTS  
Stability Condition to Avoid:CONTACT WITH STRONG OXIDIZING AGENTS  
Hazardous Decomposition Products:SMALL AMOUNT OF TURPINTINE, HYDROGEN  
CHLORIDE,

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

Waste Disposal Method  
s:NONE SPECIFIED BY MANUFACTURER. HMIS: DISPOSE OF  
IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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