

KESTER SOLDER COMPANY DIV OF LITTON SYSTEMS INC -- #44 RESIN CORE SOLDER --
3439-00-095-3672

===== Product Identification =====

Product ID:#44 RESIN CORE SOLDER

MSDS Date:12/12/1988

FSC:3439

NIIN:00-095-3672

MSDS Number: BPXTT

=== 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 Nu

m: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

===== Composition/Information on Ingredients =====

Ingred Name:ROSIN ACID

CAS:8050-09-7
Fraction by Wt: 3%
Other REC Limits:NONE RECOMMENDED

Ingred Name:THE FOLLOWING INGREDIENTS ARE FROM THE TIR; MANUFACTURER
DID NOT LIST; HMIS TECH FELT BEST TO LIST.
RTECS #:9999999ZZ
Other REC Limits:NONE RECOMMENDED

Ingred Name:TIN
CAS:7440-31-5
RTECS #:XP7320000
Fraction by Wt: 61.5%
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: 37.53%
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: 0.5%
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
Fraction by Wt: 0.25%
Other REC Limits:NONE RECOMMENDED

Ingred Name:COPPER (SARA III)
CAS:7440-50-8
RTECS #:GL5325000
Fraction by Wt: 0.08

%
Other REC Limits:NONE RECOMMENDED
OSHA PEL:0.1MG/M3 FUME/1 DUST
ACGIH TLV:0.2MG/M3 FUME; 9293
EPA Rpt Qty:5000 LBS
DOT Rpt Qty:5000 LBS

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

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 W
ITH 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. INHALED: 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-CO
NTAINED BREATHING APPARATUS AND BUNKER GEAR.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

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 NO

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 Methods:NONE SPECIFIED BY MANUFACTURER. HMIS: DISPOSE OF
IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.

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