

KESTER SOLDER DIV,LITTON SYSTEMS INC -- SP-30 SOLDERING PASTE FLUX -- 3439-00-145-9132

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

Product ID:SP-30 SOLDERING PASTE FLUX

MSDS Date:08/01/1989

FSC:3439

NIIN:00-145-9132

MSDS Number: BMTLD

=== Responsible Party ===

Company Name:KESTER SOLDER DIV,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:75297

=== Contractor Ide

ntification ===

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:PETROLATUM

Fraction by Wt: 65%

Other REC Limits:NONE RECOMMENDED

Ingred Name:ZINC CHLORIDE (SARA III)

CAS:7646-85-7

RTECS #:ZH1400000

Fraction by Wt: 24%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:1 MG/M3/2 STEL

ACGIH TLV:1 MG/M3/

2STEL FUME93
EPA Rpt Qty:1000 LBS
DOT Rpt Qty:1000 LBS

Ingred Name:NON HAZARDOUS INGREDIENTS
Fraction by Wt: BALANCE
Other REC Limits:NONE RECOMMENDED

===== 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 FORM
SOLDERING MAY CAUSE RESPIRATORY IRRITATION. CONTACT WITH SKIN OR
EYES MAY CAUSE IRRITATION, EYE
BURNS. NO HEALTH EFFECTS NOTED IF
SWALLOWED. CHRONIC: NONE SPECIFIED 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:INHALATION: COUGHING, WHEEZING, SHORTNESS OF
BREATH. EYES: REDNESS, TEARING, BLURRED VISION. SKIN: REDNESS,
RASH, ITCHING. INGESTION: NONE NOTED.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Aid:INHALATION: REMOVE PERSON TO FRESH AIR. RESUSCITATE IF
NEEDED. GET MEDICAL AID IF SYMPTOMS PERSIST. EYES: FLUSH WITH WATER
FOR 15 MINUTES. GET MEDICAL AID. SKIN: WASH WITH SOAP AND WATER.
INGESTION: D O NOT INDUCE VOMITING UNLESS ORDERED BY A PHYSICIAN.
GET IMMEDIATE MEDICAL AID.

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

Flash Point:430F,221C
Autoignition Temp:Autoignition Temp Text:720F
Extinguishing Media:FOAM, CARBON DIOXIDE, DRY CHEMICAL
Fire Fighting Procedures:WEAR SELF-CONTAINED BREATHING APPARATUS AND
FULL PROTECTIVE GEAR.
Unusual Fire/Explosion Hazard:NONE

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

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER. SCOOP OR SWEEP
UP AND PLACE IN A CONTAINER FOR LATER DISPOSAL.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling

and Storage Precautions:STORE IN A COOL, DRY, WELL VENTILATED AREA.

Other Precautions:NONE SPECIFIED BY MANUFACTURER.

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

Respiratory Protection:NONE NORMALLY REQUIRED.

Ventilation:USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves:RUBBER IF PROLONGED OR REPEATED CONTACT

Eye Protection:SAFETY GLASSES IF SPLASHING LIKELY

Other Protective Equipment:NONE SPECIFIED BY MANUFACTURER.

Work Hygienic Practices:WASH HANDS AFTER USE

AND BEFORE EATING,
DRINKING, OR SMOKING.

Supplemental Safety and Health
NONE

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

HCC:N1

Melt/Freeze Pt:M.P/F.P Text:120F,49C

Spec Gravity:1.05 (WATER=1)

Solubility in Water:APPRECIABLE

Appearance and Odor:LIGHT AMBER COLORED PASTE WITH LITTLE OR NO ODOR

Percent Volatiles by Volume:8

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

Stability Indicator/Materials to Avoid:YES

NONE

Stability Condition to Avoi

d:NONE

Hazardous Decomposition Products:HYDROGEN CHLORIDE

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

Waste Disposal Methods:DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND
FEDERAL REGULATIONS.

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