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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:708-297-16
00
Emergency Phone Num:708-297-1600
CAGE:75297
=== Contractor Identification ===
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 L

imits: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 IRR
ITATION. 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 E
xposure: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 BYA 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.

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========= 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 SPECIFI
ED 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 Avoid: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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