

LITTON KESTER SOLDER -- PLASTIC ROSIN FLUX CORED SOLDER

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MSDS Safety Information  
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FSC: 3439  
NIIN: 00-009-8808  
MSDS Date: 05/28/1993  
MSDS Num: CCGCK  
Product ID: PLASTIC ROSIN FLUX CORED SOLDER  
MFN: 03  
Responsible Party  
Cage: GO157  
Name: LITTON KESTER SOLDER  
Address: 515 EAST TOUHY AVENUE  
City: DES PL  
AINES IL 60018-2675  
Info Phone Number: 708-297-1600  
Emergency Phone Number: 708-297-1600  
Preparer's Name: D BERNIER  
Review Ind: Y  
Published: Y

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Preparer Co. when other than Responsible Party Co.  
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Cage: GO157  
Assigned Ind: Y  
Name: LITTON KESTER SOLDER  
Address: 515 EAST TOUHY AVENUE  
City: DES PLAINES IL 60018-2675

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Contractor Summary  
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Cage: 75297  
Name: KESTER SOLDER DIVISION OF LITTON SYSTEMS, INC.  
Address: 515 E. TOUHY AVENUE  
City: DES PLAINES IL 60018  
Phone: 847-297-1600  
Cage: GO157  
Name: LITTON KESTER SOLDER  
Address: 515 EAST TOUHY AVENUE  
City: DES PLAINES IL 60018-2675  
Phone: (708) 297-1600

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Item Description Information  
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Item Manager: S9G  
Item Name: FLUX,SO

LDERING

Specification Number: NONE

Type/Grade/Class: R TYPE

Unit of Issue: QT

UI Container Qty: 0

Type of Container: CAN

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Ingredients  
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Cas: 7439-92-1

RTECS #: OF7525000

Name: LEAD, INORGANIC LEAD (IARC CARC GROUP 2B) \*96-2\*

ACGIH TLV: 0.15 MG/CUM

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

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Cas: 7440-31-5

RTECS #: XP7320000

Name: TIN (AS SN)

OSHA PEL: 2 MG/CUM

ACG

IH TLV: 2.0 MG/CUM

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Cas: 7440-22-4

RTECS #: VW3500000

Name: SILVER \* 96-2 \*

OSHA PEL: 0.01 MG/CUM

ACGIH TLV: 0.1 MG/CUM

EPA Rpt Qty: 1 LB

DOT Rpt Qty: 1 LB

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Cas: 7440-69-9

RTECS #: EB2600000

Name: BISMUTH

ACGIH TLV: 10 MG/CUM

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Cas: 7440-36-0

RTECS #: CC4025000

Name: ANTIMONY

OSHA PEL: 0.5 MG/CUM

ACGIH TLV: 0.5 MG/CUM

EPA Rpt Qty: 5000 LBS

DOT Rpt Qty: 5000 LBS

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Cas: 8050-09-7

RTECS #: VL0480000

Name: ROSIN ACID, YELLOW RESIN, ROSIN CORE SOLDER PYROLYSIS PRODUCTS (ACGIH)

\*96-2\*

% Wt: &lt;3

Cas: 9005-90-7

Name: TURPENTINE

% Wt: &lt;1

Health Hazards Data

Route Of Entry Inds - Inhalation: YES

Skin: NO

Ingestion: YES

Carcinogenicity Inds - NTP: NO

IARC: YES

OSHA: NO

Effects of Exposure: INHALATION: FLUX FUMES DURING SOLDERING

MAY CAUSE

IRRITATION & DAMAGE OF MUCOUS MEMBRANES & RESPIRATORY SYSTEM. SKIN: POSSIBLE LOCAL IRRITATION. EYES: IRRITATION. REPEATED INGESTION OF LEAD CAN RESULT IN SYSTEMIC POISONING & MAY AFFECT THE KIDNEYS, GASTROINTESTINAL, REPRODUCTIVE & NEUROLOGICAL SYSTEMS.

Explanation Of Carcinogenicity: SEE INGREDIENTS.

Signs And Symptoms Of Overexposure: IRRITATION, HEADACHE

Medical Cond Aggravated By Exposure: PRE-EXISTING CONDITIONS OF THE LUNGS,

DISEASES OF BLOOD & BLO

OD-FORMING ORGANS, KIDNEYS, NERVES & POSSIBLY

REPRODUCTIVE SYSTEM.

First Aid: EYES: FLUSH IMMEDIATELY W/COOL WATER. FOR FUME IRRITATION, USE EYE

DROPS. SKIN: FLUSH IMMEDIATELY W/COOL WATER. WASH W/SOAP & WATER.

INHALATION: REMOVE FROM EXPOSURE. OBTAIN MEDICAL ATTENTION IN ALL CASES.

Handling and Disposal

Spill Release Procedures: MELTED SOLDER WILL SOLIDIFY ON COOLING &

CAN BE

SCRAPED UP. USE CAUTION TO AVOID BREATHING FUMES IF A GAS TORCH IS USED TO CUT UP LARGE PIECES.

Waste Disposal Methods: SOLDER CAN BE RECLAIMED. DISPOSE OF IN ACCORDANCE

W/LOCAL, STATE & FEDERAL REGULATIONS.

Handling And Storage Precautions: STORE AWAY FROM SOURCES OF SULFUR.

Other Precautions: EMPTY CONTAINERS MAY CONTAIN PRODUCT RESIDUE. OBSERVE ALL LABEL PRECAUTIONS. AVOID BREATHING SMOKE/FUMES GENERATED DURING SOLDERING.

DON'T PLACE FLUX CORED SOLDER INTO A HOT SOLDE

R POT BECAUSE THE FLU X MAY  
IGNITE.

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Fire and Explosion Hazard Information  
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Flash Point Method: TOC

Fire Fighting Procedures: WEAR SELF CONTAINED BREATHING APPARATUS.

Unusual Fire/Explosion Hazard: FLUX IN CORED SOLDER MAY IGNITE WHEN THE SOLDER  
MELTS IN A FIRE.

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Control Measures  
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Respiratory Protection: IF INSUFFICIENT VENTILATION, USE A CARTRIDGE TYPE  
RESPIRATOR.

Ventilation: ADEQUATE EXHAUST VENTILATION (GENERAL/LOCAL) TO MEET TLV  
REQUIREMENTS.

Protective Gloves: NOT USUALLY REQUIRED

Eye Protection: WHEN SOLDERING: GOGGLES/FACE SHIELD

Other Protective Equipment: NONE

Work Hygienic Practices: WASH HANDS THOROUGHLY AFTER HANDLING SOLDER CONTAINING  
LEAD BEFORE EATING/SMOKING.

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Physical/Chemical Propertie  
s  
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Spec Gravity: >1

Solubility in Water: INSOLUBLE

Appearance and Odor: SILVER-GRAY METAL IN WIRE, RIBBON/PREFORMED SHAPES W/A  
CORE OF FLUX

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Reactivity Data  
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Stability Indicator: YES

Stability Condition To Avoid: NONE

Materials To Avoid: STRONG ACID, STRONG OXIDIZERS

Hazardous Decomposition Products: WHEN HEATED: DROPLETS OF R  
OSIN, ALIPHATIC

ALDEHYDES, ACIDS & TERPENES.

Hazardous Polymerization Indicator: NO

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Toxicological Information  
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Ecological Information  
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MSDS Transport Information  
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Regulatory Information  
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Other Information  
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=====  
HAZCOM Label  
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Product ID: PLASTIC ROSIN FLUX CORED SOLDER  
Cage: GO157  
Assigned IND: Y  
Company Name: LITTON KESTER SOLDER

Street: 515 EAST TOUHY AVENUE  
City: DES PLAINES IL  
Zipcode: 60018-2675  
Health Emergency Phone: 708-297-1600  
Label Required IND: Y  
Date Of Label Review: 10/12/1999  
Status Code: A  
Origination Code: G

Hazard And Precautions: INHALATION: FLUX FUMES DURING SOLDERING MAY CAUSE IRRITATION & DAMAGE OF MUCOUS MEMBRANES & RESPIRATORY SYSTEM. SKIN: POSSIBLE LOCAL IRRITATION. EYES: IRRITATION. REPEATED INGESTION OF LEAD CAN RESULT IN SYSTEMIC POISONING & MAY AFFECT THE KIDNEYS, GASTROINTESTINAL, REPRODUCTIVE & NEUROLOGICAL SYSTEMS.

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