

KESTER SOLDER DIV,LITTON SYSTEMS INC -- "44" ROSIN FLUX CORED SOLDER --  
3439-00-937-7062

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

Product ID:"44" ROSIN FLUX CORED SOLDER  
MSDS Date:10/15/1996  
FSC:3439  
NIIN:00-937-7062  
MSDS Number: CGXCL  
=== 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:847-29  
7-1600  
Emergency Phone Num:847-297-1600/800-424-9300(CHEMTREC)  
Preparer's Name:D. BEMIER  
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

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

Ingred Name:LEAD (SARA 313) (CERCLA)  
CAS:7439-92-1  
RTECS #:OF7525000  
Fraction by Wt: SEE #8%  
Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1025  
ACGIH TLV:0.05MG/M3, A3; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:TIN  
CAS:7440-31-5  
RTECS #:XP7320000  
Fraction by Wt: SEE #8%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:2 MG/M3  
ACGIH TLV:2 MG/M3; 9596

Ingred Name:SILVER (SARA 313) (CERCLA)  
CAS:7440-22-4  
RTECS #:VW3500000  
Fraction by Wt: SEE #8%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.01 MG/M3  
ACGIH TLV:0.1 MG/M3; 9596  
EPA Rpt Qty:1 LB  
DOT Rpt Qty:1 LB

Ingred Name:BISMUTH  
CAS:7440-69-9  
RTECS #:EB2600000  
F  
raction by Wt: SEE #8%  
Other REC Limits:NONE RECOMMENDED

Ingred Name:ANTIMONY (SARA 313) (CERCLA)  
CAS:7440-36-0  
RTECS #:CC4025000  
Fraction by Wt: SEE #8%  
Other REC Limits:NONE RECOMMENDED  
OSHA PEL:0.5 MG/M3  
ACGIH TLV:0.5 MG (SB)/M3; 9596  
EPA Rpt Qty:5000 LBS  
DOT Rpt Qty:5000 LBS

Ingred Name:ROSIN ACID  
CAS:8050-09-7  
Fraction by Wt: 1  
pH:NA  
Viscosity:NP  
Evaporation Rate & Reference:NA  
Solubility in Water:NP  
Appearance and Odor:SOLID,SILVER-GRAY METAL IN WIRE,RIBBON,PREFORMED  
SHAPES W/COR

E OF FLUX,NO ODOR.  
Percent Volatiles by Volume:NA  
Corrosion Rate:NP

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

Stability Indicator/Materials to Avoid:YES  
STRONG ACID,STRONG OXIDIZERS.  
Stability Condition to Avoid:NONE  
Hazardous Decomposition Products:MELTED SOLDER MAY LIBERATE CARBON  
MONOXIDE,CARBON DIOXIDE,LEAD OXIDE FUMES.WHEN HEAT TO SOLDER TEMPS  
SOLVE IN FLUX WIL BOIL AWAY & CARRY UP DROPLETS OF ROSIN & THERM  
DEGRADATION PRODS SUCH AS (SUPP)

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

Waste Disposal Methods:CHEMS SUBJ TO REPORTING REQMTS OF SEC 313 TITLE  
III SARA/40CFR32.SOLDER CAN BE RECLAIMED.CAUTION:EMPTY CNTNRS MAY  
CONTAIN PRODUCT RESIDUE.OBSERVE ALL LABEL PRECAUTIONS.

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