

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

=====
===== 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:847-297
-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

=====
===== 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
Fr
action 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/CORE

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)

=====
===== 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.

Disclaimer (provided with this information by the compiling agencies):
This information is formulated for use by elements of the Department
of Defense. The United States of America in no manner whatsoever,
expressly or implied, warrants
this information to be accurate and
disclaims all liability for its use. Any person utilizing this
document should seek competent professional advice to verify and
assume responsibility for the suitability of this information to their
particular situation.