

KESTER SOLDER COMPANY DIV OF LITTON SYSTEMS INC -- SN-60 -- 2030-01-205-4086

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

Product ID:SN-60

MSDS Date:12/12/1988

FSC:2030

NIIN:01-205-4086

Kit Part:Y

MSDS Number: BRMGT

=== Responsible Party ===

Company Name:KESTER SOLDER COMPANY DIV OF LITTON SYSTEMS INC

Address:515 E TOUHY

City:DES PLAINES

State:IL

ZIP:60018-2675

Country:US

Info Phone Num:708-297-1600

Emerge

ncy Phone Num:708-297-1600

CAGE:09185

=== Contractor Identification ===

Company Name:KESTER SOLDER COMPANY

Address:515 E. TOUHY AVENUE

Box:City:DES PLAINES

State:IL

ZIP:60018

Country:US

Phone:800-424-9300

CAGE:09185

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

Company Name:M/A-COM INC; M/A-COM CONTROL COMPONENTS DIV

Address:21 CONTINENTAL BLVD

Box:City:MERRIMACK

State:NH

ZI

P:03054-4303

Country:US

CAGE:16179

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

Ingred Name:TIN

CAS:7440-31-5

RTECS #:XP7320000

Fraction by Wt: 60%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:2 MG/M3

ACGIH TLV:2 MG/M3; 9293

Ingred Name:LEAD (SARA III)

CAS:7439-92-1

RTECS #:OF7525000

Fraction by Wt: 39.65%

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.05 MG/M3;1910.1025

ACGIH TLV:0.15 MG/M3;DUST 9293

EPA Rpt Qty:1 LB

DOT Rpt Qty:1 LB

Ingred Name:ANTIMONY (SARA III)

CAS:7

440-36-0

RTECS #:CC4025000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:0.5 MG/M3

ACGIH TLV:0.5 MG SB/M3; 9293

EPA Rpt Qty:5000 LBS

DOT Rpt Qty:5000 LBS

Ingred Name:BISMUTH

CAS:7440-69-9

RTECS #:EB2600000

Other REC Limits:NONE RECOMMENDED

Ingred Name:CADMIUM (SARA III)

CAS:7440-43-9

RTECS #:EU9800000

Other REC Limits:NONE RECOMMENDED

OSHA PEL:SEE 1910.1027

ACGIH TLV:0.01 MG/M3 DUST;9394

EPA Rpt Qty:10 LBS

DOT Rpt Qty:10 LBS

Ingred Name:SILVER (SARA III)

CAS:7440-22-4

RTECS #:VW3500000

Other REC

Limits:NONE RECOMMENDED
OSHA PEL:0.01 MG/M3
ACGIH TLV:0.1 MG/M3; 9293
EPA Rpt Qty:1 LB
DOT Rpt Qty:1 LB

=====
===== Hazards Identification =====

Routes of Entry: Inhalation:YES Skin:NO Ingestion:YES
Reports of Carcinogenicity:NTP:YES IARC:YES OSHA:YES
Health Hazards Acute and Chronic:ACUTE: INHALATION OF FUMES DURING USE
MAY CAUSE RESPIRATORY TRACT AND THROAT IRRITATION. CONTACT OR FUMES
MAY CAUSE EYE IRRITATION. CONTACT WITH SKIN MAY CAUSE ALLERGIC
REACTION. CHRONIC EFFECTS TO KI DNEYS, GASTROINTESTINAL AND NERVOUS
SYSTEMS.
Explanation of Carcinogenicity:CONTAINS C [7440-43-9] WHICH IS
LISTED BY NTP AND IARC AND REGULATED BY OSHA AS A CARCINOGEN.
Effects of Overexposure:SYMPTOMS FROM INGESTION AND INHALATION INCLUDE
NAUSEA, HEADACHE, ABDOMINAL DISCOMFORT, JOINT AND MUSCLE PAINS.
Medical Cond Aggravated by Exposure:NONE SPECIFIED BY MANUFACTURER.

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

First Ai
d:EYE CONTACT: MOLTEN METAL-GET PROMPT MEDICAL ATTENTION. SKIN
CONTACT: MOLTEN METAL-GET PROMPT MEDICAL ATTENTION. INHALATION AND
INGESTION: IF THOUGHT TO HAVE BEEN OVER-EXPOSED, INDIVIDUAL SHOULD
BE TA KEN TO A PHYSICIAN FOR EXAMINATION OF BLOOD LEAD LEVEL,
GASTROINTESTINAL AND NEUROLOGICAL SYMPTOMS. RENAL FUNCTIONS SHOULD
ALSO BE EXAMINED.

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

Flash Point:NONE
Extinguishing Media:NONE SPECIFIED BY MANUFACTUR
ER.
Fire Fighting Procedures:MAY EMIT TOXIC FUMES IN A FIRE.
Unusual Fire/Explosion Hazard:NONE SPECIFIED BY MANUFACTURER.

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

Spill Release Procedures:NONE SPECIFIED BY MANUFACTURER.
Neutralizing Agent:NONE SPECIFIED BY MANUFACTURER.

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

Handling and Storage Precautions:WASH HANDS THOROUGHLY WITH SOAP AND
WATER BEFORE EATING, DRINKING OR SMOKING AFTER HANDLING

SOLDER TO

REMOVE OXIDES OF LEAD.

Other Precautions:USE OF STRONG ACID FUMES MAY RESULT IN THE EMISSION OF TOXIC FUMES DURING SOLDERING. ALLOYS CONTAINING CADMIUM MAY EMIT CADMIUM FUMES DURING SOLDERING.

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

Respiratory Protection:NONE SPECIFIED BY MANUFACTURER.

Ventilation:NONE SPECIFIED BY MANUFACTURER.

Protective Gloves:NONE REQUIRED.

Eye Protection:SAFETY GLASSES

Other Protective Equipment:NONE

Work Hygienic Practic

es:WASH HANDS AFTER USE AND BEFORE EATING,
DRINKING, OR SMOKING.

Supplemental Safety and Health

KEY 1:N1. THIS ITEM IS A PART OF A KIT. 3 PARTS OF THE KIT REQUIRE MSDS. SEE THIS NSN, CAGE AND PN IND A AND C FOR INFORMATION ON THE OTHER COMPONENTS OF THE KIT REQUIRING MSDS. THERE ARE OTHER ITEMS IN THE KIT NOT REQUIRING MSDS.

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

HCC:N1

Solubility in Water:NEGLIGIBLE

Appearance and Odor:GRAY METALLIC BAR, NO ODOR

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

Stability Indicator/Materials to Avoid:YES

STRONG OXIDIZING AGENTS

Stability Condition to Avoid:NONE SPECIFIED BY MANUFACTURER.

Hazardous Decomposition Products:NONE SPECIFIED BY MANUFACTURER.

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

Waste Disposal Methods:DISPOSE ACCORDING TO ALL FEDERAL, STATE AND LOCAL REGULATIONS. MOST PRACTICAL APPROACH IS TO SELL SOLDER TO A METAL RECLAIMER.

Disclai

mer (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.