

LA-CO INDUSTRIES INC/MARKAL CO -- REGULAR FLUX PASTE

=====
MSDS Safety Information
=====

FSC: 3439
NIIN: 00-255-4566
MSDS Date: 12/02/1994
MSDS Num: BXXJR
Product ID: REGULAR FLUX PASTE
MFN: 02
Responsible Party
Cage: 08854
Name: LA-CO INDUSTRIES INC/MARKAL COMPANY
Address: 250 N WASHTENAW AVENUE
City: CHI
CAGO IL 60612-2014
Info Phone Number: 312-826-1700
Emergency Phone Number: 312-826-1700
Review Ind: Y
Published: Y

=====
Contractor Summary
=====

Cage: 08854
Name: LA-CO INDUSTRIES, INC./MARKAL CO.
Address: 1201 PRATT BLVD.
City: ELK GROVE VILLAGE IL 60007-5746
Phone: 847-956-7600

=====
Item Description Information
=====

=====
Item Manager: S9G
Item Name: FLUX,SOLDERING
Specification Number: CID A-A-51145C
Type/Grade/Class: TYPE I, FORM A
Unit of Issue: CO
Quantitative Expression: 0000000004OZ
UI Container Qty: 0
Type of Container: CONTAINER

=====
Ingredients
=====

Cas: 12125-02-9
RTECS #: BP4550000
Name: AMMONIUM CHLORIDE
% Wt: 10-20
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHE

D
ACGIH TLV: NOT ESTABLISHED
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

=====
Health Hazards Data
=====

LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: NO
Ingestion: YES
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE: EYES-FUMES EVOLVED DURING SOLDERING MAY BE IRRITATING. INHALATION-FUMES EVOLVED DURING SOLDERING MAY BE IRRITATING.
CHRONIC: N.A.
Explanation Of Carcinogenicity: N.A.
Signs And Symptions Of Overexposure: NONE SPECIFIED BY MANUFACTURER.
Medical Cond Aggravated By Exposure: N.D.
First Aid: EYE-FLUSH WITH WATER. SKIN-RINSE WITH WATER. INGESTION-DRINK WATER IF IRRITATION DEVELOPS. INHALATION-REMOVE FROM EXPOSURE. OTHER INFORMATION: CONSULT PHYSICIAN IF ANY EXPOSURE SYMPTOMS PERSISTS.

=====
Handling and Disposal
=====

=====
Spill Release Procedures: USE RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. SMALL SPILL: SCRAPE OR WIPE UP. FLUSH REMAINDER WITH WATER. LARGE SPILL: CONTAIN SPILL. SCRAPE UP FOR REUSE OR SOAK UP WITH ABSORBENT MATERIAL. FLUSH REMAINDER WITH WATER.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods: DISPOSE OF IN ACCORDANCE WITH LOCAL, STATE AND FEDERAL REGULATIONS.
Handling And Storage Precautions: USE RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. WASH THOROUGHLY AFTER HANDLING. STORE IN A COOL, DRY PLACE.
Other Precautions: USE WITH ADEQUATE VENTILATION.

=====
Fire and Explosion Hazard Information
=====

Flash Point Method: TOC
Flash Point Text: >400F,>204C
Extinguishing Media: WATER FOG, CARBON DIOXIDE, ALCOHOL FOAM, DRY CHEMICAL.
Fire Fighting Procedures: KEEP PERSONNEL REMOVED & UPWIND OF ANY FIRE. WEAR FULL FIRE-FIGHTING TUR

N-OUT GEAR (FULL BUNKER GEAR), AND RESPIRATORY PROTECTION (SCBA).

Unusual Fire/Explosion Hazard: N.A.

=====
Control Measures
=====

Respiratory Protection: ACID GAS RESPIRATOR IN VERY ENCLOSED AREAS.

Ventilation: NORMAL ROOM VENTILATION. LOCAL EXHAUST IN CONFINED AREAS.

Protective Gloves: GLOVES RECOMMENDED.

Eye Protection: GOGGLES OR FACE SHIELD RECOMMENDED.

Other Protective Equipment: EYE WASH AND SAFETY SHOWER.

Work Hygienic Practices: WASH HANDS AFTER USE.

Supplemental Safety and Health: ADMINISTRATIVE CONTROLS: USERS OF THIS PRODUCT MUST BE PROPERLY TRAINED AND QUALIFIED IN ITS USE.

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

HCC: N1

Spec Gravity: 1.1

PH: 7

Solubility in Water: SOLUBLE.

Appearance and Odor: AMBER COLORED PASTE. LOW ORDER.

=====
Reactivity Data
=====

Stability Indicator: YES

Stability Condition To Avoid: N.A.

Materials To Avoid: OXIDIZERS, CYANIDES, SULFIDES.

Hazardous Decomposition Products: CARBON MONOXIDE, CARBON DIOXIDE, AMMONIA, AMMONIA CHLORIDE, HYDROGEN CHLORIDE.

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE

=====
Toxicological Information
=====

=====
Ecological Information
=====

=====
MSDS Transport Information
=====

=====
Regulatory Information
=====

Ot

her Information

=====
=====
Transportation Information

=====
Responsible Party Cage: 08854
Trans ID NO: 61705
Product ID: REGULAR FLUX PASTE
MSDS Prepared Date: 12/02/1994
Review Date: 11/21/1995
MFN: 2
Net Unit Weight: 0.25 LBS
AF MMAC Code: NR
Multiple KIT Number: 0
Review IND: Y
Unit Of Issue: CO
Container QTY: 0
Type Of Container: CONTAINER
=
=====

=====
Detail DOT Information

=====
DOT PSN Code: ZZZ
DOT Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail IMO Information

=====
IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
=====

=====
Detail IATA Information

=====
IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
Detail AFI Information

=====
AFI PSN Code: ZZZ
AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
=====

=====
HAZCOM Label
=====

=====

Product ID: REGULAR FLUX PASTE

Cage: 08854

Company Name: LA-CO INDUSTRIES, INC./MARKAL CO.

Street: 1201 PRATT BLVD.

City: ELK GROVE VILLAGE IL

Zipcode: 60007-5746

Health Emergency Phone: 312-826-1700

Label Required IND: Y

Date Of Label Review: 11/21/1995

Status Code: C

Label Date: 11/21/1995

Origination Code: F

Eye Protection IND: YES

Skin Protection IND: YES

Signal Word: CAUTION

Respiratory Protection IND: YES

Health Hazard: Slight

Contact Hazard: Slight

Fire Hazard

: Slight

Reactivity Hazard: None

Hazard And Precautions: USE RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. WASH THOROUGHLY AFTER HANDLING. STORE IN A COOL, DRY PLACE. IN CASE OF SPILL: USE RECOMMENDED PERSONAL PROTECTIVE EQUIPMENT. SMALL SPILL: SCRAPE OR WIPE UP. FLUSH REMAINDER WITH WATER. LARGE SPILL: CONTAIN SPILL. SCRAPE UP FOR REUSE OR SOAK UP WITH ABSORBENT MATERIAL. FLUSH REMAINDER WITH WATER. FIRST AID: EYE-FLUSH WITH WATER. SKIN-RINSE WITH WATER. INGESTION-DRINK WATER IF IRRIT

ATION DEVELOPS. INHALATION-REMOVE FROM EXPOSURE. OTHER INFORMATION: CONSULT PHYSICIAN IF ANY EXPOSURE SYMPTOMS PERSISTS.

=====

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, states, or intends said information to have any application, use or viability by or to any person or persons outside the Department of Defense nor any person or persons contracting with any instrumentality of the United States of America and disclaims all liability for such use. Any person utilizing this instruction who is not a military or civilian employee of the United States of America should seek competent professional advice to verify and assume responsibility for the suitability of this information to their particular situation regardless of similarity

to a corresponding Department
of Defense or other government situation.