

L.B. ALLEN INC -- P-200 SOLDER PASTE

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MSDS Safety Information
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FSC: 3439
NIIN: 00-255-4571
MSDS Date: 12/01/1994
MSDS Num: CLCQZ
Product ID: P-200 SOLDER PASTE
MFN: 01
Responsible Party
Cage: 70279
Name: L.B. ALLEN CO INC
Address: 725 N CENTRAL
City: WOODALE IL 60191-1240
Info Phone Number: 708-595-2600
Emergency Phone Number: 312-678-3097

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Item Description Information
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Item Manager: S9G
Item Name: FLUX,SOLDERING
Specification Number: O-F-506
Type/Grade/Class: TYPE 1, FORM A
Unit of Issue: CN
Quantitative Expression: 00000000002OZ
UI Container Qty: 0
Type of Container: CAN

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Ingredients
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Name: PETROLATUM
% Wt: UNKNOWN
Other REC Limits: NONE RECOMMENDED
OSHA PEL: NOT ESTABLISHED
ACGIH TLV: NOT ESTABLISHED

Cas: 12125-02-9
RTECS #: BP4550000
Name: AMMONIUM CHLORIDE (SARA III)
% Wt: UNKNOWN
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 10 MG/M3/20 STEL
ACGIH TLV: 10 MG/M3 FUME; 9293
EPA Rpt Qty: 5000 LBS
DOT Rpt Qty: 5000 LBS

Cas: 7646-85-7
RTECS #: ZH1400000
Name: ZINC CHLORIDE (SARA II

l)
% Wt: UNKNOWN
Other REC Limits: NONE RECOMMENDED
OSHA PEL: 1 MG/M3/2 STEL
ACGIH TLV: 1 MG/M3/2STEL FUME93
EPA Rpt Qty: 1000 LBS
DOT Rpt Qty: 1000 LBS

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Health Hazards Data
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LD50 LC50 Mixture: ORAL LD50 (RAT) IS UNKNOWN
Route Of Entry Inds - Inhalation: YES
Skin: YES
Ingestion: NO
Carcinogenicity Inds - NTP: NO
IARC: NO
OSHA: NO
Effects of Exposure: ACUTE: INHALED: IRRITATION OF RESPIRATORY SYTEM, SOME CENTRAL NERVOUS SYTEM EFFECTS. SKIN/EYES: IRRITATION. INGESTED: HARMFUL IF SWALLOWED.
Explanation Of Carcinogenicity: PRODUCT CONTAINS NO INGREDIENTS CURRENTLY CLASSIFIED AS CARCINOGENIC BY NTP, IARC OR OSHA.
Signs And Symptions Of Overexposure: INHALED: METALLIC TASTE IN MOUTH, DIZZINESS, HEADACHE, COUGHING, SHORTNESS OF BREATH, SORE THROAT, CHEST TIGHTNESS. EYES: PAIN, TEARING, BLURRED VISION, REDNESS. SKIN: REDNESS, DISCOMFORT. INGESTED: N AUSEA, STOMACH PAIN.

Medical Cond Aggravated By Exposure: NONE SPECIFIED BY MANUFACTURER.
First Aid: INHALED: MOVE TO FRESH AIR. GIVE RESPIRATORY SUPPORT AS NEEDED. SEE DOCTOR. EYES: FLUSH WITH LOTS OF WATER FOR 15 MINUTES WHILE HOLDING EYELIDS OPEN. SEE DOCTOR. SKIN: WASH WITH SOAP AND WATER. SWALLO WED: IF CONSCIOUS, DRINK MILK OR WATER;GET IMMEDIATE MEDICAL ATTENTION.

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Handling and Disposal
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Spill Rel
ease Procedures: SCRAPE UP PASTE RESIDUE AND PLACE IN A CONTAINER FOR LATER DISPOSAL. AVOID CONTACT WITH SKIN OR CLOTHING.
Neutralizing Agent: NONE SPECIFIED BY MANUFACTURER.
Waste Disposal Methods: BURY IN PIT WITH LIMESTONE IN ACCORDANCE WITH ALL APPLICABLE LOCAL, STATE AND FEDERAL REGULATIONS.
Handling And Storage Precautions: AVOID OVERHEATING THE PRODUCT.
Other Precautions: NONE SPECIFIED BY MANUFACTURER.

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Fire and Explosion Hazard

Information

Flash Point: >210.C, 410.F

Extinguishing Media: FOR OIL TYPE FIRES, USE CARBON DIOXIDE OR DRY POWDER.

Fire Fighting Procedures: PRODUCT SHOULD NOT BURN APPRECIABLY, BUT IF IT CATCHES FIRE, EXTINGUISH WITH CARBON DIOXIDE OR DRY POWDER.

Unusual Fire/Explosion Hazard: NONE SPECIFIED BY MANUFACTURER.

Control Measures

Respiratory Protection: USE NIOSH/MSHA APPROVED SUPPLIED-AIR RESPIRATOR IF ENGINEERING CONTROLS FAIL. USE IN ACCORDANCE WITH 29 CFR 1910.134.

Ventilation: USE ADEQUATE MECHANICAL VENTILATION.

Protective Gloves: RUBBER

Eye Protection: SPLASH PROOF GOGGLES.

Other Protective Equipment: RUBBER APRON OR JACKET & BOOTS OR SHOES.

Work Hygienic Practices: WASH WITH SOAP AND WATER AFTER HANDLING PRODUCT AND BEFORE EATING DRINKING OR SMOKING.

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Physical/Chemical Properties

HCC: V5

B.P. Text: HIGH

Decomp Text: UNKNOWN

Spec Gravity: 0.90 (WATER=1)

Solubility in Water: MOSTLY INSOLUBLE

Appearance and Odor: DARK BROWN PASTE, OIL ODOR

Percent Volatiles by Volume: >75

Corrosion Rate: UNKNOWN

Reactivity Data

Stability Indicator: YES

Stability Condition To Avoid: OVERHEATING OF ZINC CHLORIDE RESIDUE

Materials To Avoid: POWERFUL OXIDIZING SUBSTANCES.

Hazardous Decomposition Products: OVERHEATING MAY PRODUCE TOXIC LEVELS OF ZINC

Hazardous Polymerization Indicator: NO

Conditions To Avoid Polymerization: NONE. WILL NOT OCCUR

Toxicological Information

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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Transporta
tion Information
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Responsible Party Cage: 70279
Trans ID NO: 156912
Product ID: P-200 SOLDER PASTE
MSDS Prepared Date: 12/01/1994
Review Date: 05/12/2001
MFN: 1
Net Unit Weight: 2 OZ
Multiple KIT Number: 0
Unit Of Issue: CN
Container QTY: 0
Type Of Container: CAN
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Detail DOT Information
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DOT PSN Code: ZZZ
DOT Proper Shipping Name:
NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail IMO Information
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IMO PSN Code: ZZZ
IMO Proper Shipping Name: NOT REGULATED FOR THIS MODE OF TRANSPORTATION
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Detail IATA Information
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IATA PSN Code: ZZZ
IATA Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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Detail AFI Information
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AFI PSN Code: ZZZ

AFI Proper Shipping Name: NOT REGULATED BY THIS MODE OF TRANSPORTATION
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HAZCOM Label
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Product ID: P-200 SOLDER PASTE

Cage: 70279

Company Name: L.B. ALLEN CO INC

Street: 725 N CENTRAL

City: WOODALE IL

Zipcode: 60191-1240

Health Emergency

Phone: 312-678-3097

Label Required IND: Y

Date Of Label Review: 05/12/2001

Status Code: A

Label Date: 05/12/2001

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: ACUTE: INHALED: IRRITATION OF RESPIRATORY SYTEM, SOME
CENTRAL NERVOUS SYTEM EFFECTS. SKIN/EYES: IRRITATION. INGESTED: HARMFUL IF
SWALLOWED. AVOID O

VERHEATING THE PRODUCT. FIRST AID: INHALED: MOVE TO F RESH
AIR. GIVE RESPIRATORY SUPPORT AS NEEDED.
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