

M150

ITEM: 1UYJ2 - Lead Free Flux 2 Oz For Solder Pre

MSDS: B9367

ORDER: 0119194424

LP NUMBER: U853878401

MATERIAL SAFETY DATA SHEET (MSDS)

This MSDS should be attached or kept with the respective product with which it is associated.

IAL SAFETY DATA SHEET - B9367

Associated Grainger Items
5EGC4, 1UYK1, 1UYJ1, 1UYJ2, 1UYJ8, 1UYJ9

LENOX (R*)

MATERIAL SAFETY DATA SHEET

PRODUCT: LENOX PASTE FLUX

CODE: M/L 1133

THIS MATERIAL SAFETY DATA SHEET COMPLIES WITH THE U.S. OSHA HAZARD COMMUNICATION STANDARD 29 CFR 1910.1200

NFPA/HMIS HAZARD CODES:

HEALTH 1/1
FIRE 0/0
REACTIVITY 0/0
SPECIAL NA

0 = MINIMAL
1 = SLIGHT
2 = MODERATE
3 = SEVERE
4 = SEVERE

SECTION I

MANUFACTURER: LENOX

ADDRESS:
1690 LOWERY STREET
WINSTON-SALEM, NC 27101

PHONE: (336) 777-8600

ISSUE DATE: MAY 2008

SECTION II HAZARDOUS INGREDIENTS

INGREDIENTS	CAS NO.	PERCENT	OSHA PEL	ACGIH TLV
PETROLATUM	8009-03-8	70.8	N/A	N/A
ZINC CHLORIDE	07545-85-7	25.3	1 MG/M3	1 MG/M3
M RE, AS WATER		3.9		

SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS

APPEARANCE AND ODOR: AMBER COLORED JELLY

BOILING POINT: 74 DEG. C

VAPOR PRESSURE: 10 MMHG

VAPOR DENSITY: NA

SOLUBILITY IN H2O: NO

SPECIFIC GRAVITY: 0.9

MELTING POINT: 67 DEG. C

EVAPORATION RATE: NA

SECTION IV FIRE AND EXPLOSION HAZARD DATA

FLASH POINT: 160 DEG. C

FLAMMABLE LIMITS: NA

AUTO IGNITION TEMPERATURE: NA

EXTINGUISHING MEDIUM: NO PREFERENCE

SPECIAL FIRE FIGHTING PROCEDURES: NONE

UNUSUAL FIRE & EXPLOSIVE CONDITIONS: NONE

SECTION V REACTIVITY DATA

STABILITY: STABLE

CONDITIONS TO AVOID: NA

INCOMPATIBILITIES: NONE

HAZARDOUS DECOMPOSITION: NONE

HAZARDOUS POLYMERIZATION: WILL NOT OCCUR.

SECTION VI HEALTH HAZARD DATA

ROUTE OF ENTRY: INHALATION (FUME), INGESTION, DERMAL.

SYMPTOMS & EFFECT OF OVEREXPOSURE:

ACUTE:
INHALATION CAN CAUSE IRRITATION & DAMAGE TO EYES, LUNGS, MUCOUS & MUCOUS MEMBRANES. SKIN CONTACT CAN CAUSE ULCERATION OF THE SKIN.

CHRONIC: IRRITATION OF THE EYES, SKIN AND MUCOUS MEMBRANES.

MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
SKIN CONDITIONS OR RESPIRATORY PROBLEMS.

CARCINOGENICITY: NOT LISTED.

EMERGENCY AND FIRST AID PROCEDURES:

EYES: FLUSH WITH WATER FOR 10 MINUTES. OBTAIN IMMEDIATE MEDICAL ATTENTION.

SKIN:
WASH THOROUGHLY WITH WATER; IF IRRITATION DEVELOPS, OBTAIN MEDICAL ATTENTION.

ACUTE INHALATION: REMOVE TO FRESH AIR. OBTAIN IMMEDIATE MEDICAL ATTENTION.

INGESTION: GIVE WATER; OBTAIN IMMEDIATE MEDICAL ATTENTION.

SECTION VII PRECAUTIONS FOR SAFE HANDLING AND USE

STEPS TO BE TAKEN IN CASE THIS MATERIAL IS RELEASED OR SPILLED:
NORMAL CLEAN-UP PROCEDURES ARE SUFFICIENT. PROTECT SKIN FROM EXPOSURE DURING THE PROCEDURE.

WASTE DISPOSAL METHOD: PERMITTED LANDFILL, CHECK LOCAL ORDINANCES.

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING:
STORE BELOW MELTING TEMPERATURE; DO NOT EXPOSE TO HEAT IN STORAGE.

OTHER PRECAUTIONS: NONE

SECTION VIII CONTROL MEASURES

RESPIRATORY PROTECTION: NIOSH APPROVED RESPIRATOR

VENTILATION: GOOD GENERAL DILUTION VENTILATION

PROTECTIVE GLOVES: RECOMMENDED FOR PROLONGED CONTACT/HEAT.

EYE PROTECTION: SAFETY GLASSES OR GOGGLES ARE RECOMMENDED.

OTHER PROTECTIVE EQUIPMENT:
SAFETY EQUIPMENT SHOULD BE WORN AS APPROPRIATE FOR THE WORK ENVIRONMENT; INCLUDES, APRON, SAFETY GOGGLES.

WORK/HYGIENIC PRACTICES:
WASH HANDS THOROUGHLY AFTER USE TO PREVENT EXPOSURE TO THE EYES OR SKIN.

SECTION IX UNITED STATES SARA TITLE III INFORMATION

THIS PRODUCT/MIXTURE CONTAINS THE FOLLOWING TOXIC CHEMICAL(S) SUBJECT TO THE REPORTING OF SECTION 313 OF THE TITLE OF THE U.S. SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT (SARA) OF 1986 AND 40 CFR PART 372. PERCENT BY WEIGHT OF EACH TOXIC CHEMICAL ABSTRACT SYSTEM (CAS) NUMBER ARE TO BE FOUND IN SECTION II OF THIS MATERIAL SAFETY DATA SHEET.

CHEMICAL NAME	EHS RQ (LBS) *1	EH TPQ (LBS) *2	SEC. 313 CATEGORY *3	313 *4	311/312 CATEGORIES *5
ZINC CHLORIDE	1,000	1,000	YES	YES	H-1

*1=REPORTABLE QUANTITY OF EXTREMELY HAZARDOUS MATERIAL SUBSTANCE, SECTION 302

*2=THRESHOLD PLANNING QUANTITY, EXTREMELY HAZARDOUS SUBSTANCE, SECTION 302

*3=TOXIC CHEMICAL LIST, SECTION 313.

*4=CHEMICAL CATEGORY AS REQUIRED BY SECTION 313 (40 CFR 372.47). SUBJECT TO ANNUAL RELEASE REPORTING REQUIREMENTS.

*5=HAZARD CATEGORY AS REQUIRED BY SARA SECTION 311/312 REPORTING:

HEALTH:
H-1=IMMEDIATE (ACUTE) HEALTH HAZARD
H-2=DELAYED (CHRONIC) HEALTH HAZARD

PHYSICAL:
P-3= FIRE HAZARD
P-4= SUDDEN RELEASE OF PRESSURE HAZARD
P-5= REACTIVE HAZARD

SECTION X TRANSPORTATION AND DISPOSAL CONSIDERATIONS

D.O.T. PROPER SHIPPING NAME: NON-HAZARDOUS

WASTE DISPOSAL METHOD: DISPOSE OF IN ACCORDANCE WITH EPA REGULATIONS

SECTION XI OTHER INFORMATION

VOC CONTENT: NONE

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REV: 004

DATE: 1/15/10