

**MATERIAL SAFETY DATA SHEET**

CODE: M/L 1134

This Material Safety Data Sheet complies with  
the U.S. OSHA Hazard Communication  
Standard 29 CFR 1910.1200

**PRODUCT: LENOX® PASTE FLUX**

NFPA/HMIS HAZARD CODES: HEALTH: 1/1 FIRE: 0/0 REACTIVITY: 0/0 SPECIAL: N/A

0 = Minimal 1 = Slight 2 = Moderate 3 = Serious 4 = Severe

**SECTION I**

**MANUFACTURER:** LENOX® **ISSUE DATE:** October, 2004  
**ADDRESS:** 1690 Lowery Street  
 Winston-Salem, NC 27101  
**PHONE:** (336) 777-8600

**SECTION II HAZARDOUS INGREDIENTS**

<u>INGREDIENTS</u>	<u>CAS NO.</u>	<u>PERCENT</u>	<u>OSHA PEL</u>	<u>ACGIH TLV</u>
Petrolatum	08002059	70.8	N/A	N/A
Zinc Chloride	07646857	25.3	1mg/m3	1mg/m3
Moisture, as water		3.9		

**SECTION III PHYSICAL/CHEMICAL CHARACTERISTICS**

**APPEARANCE AND ODOR:** Amber colored jelly  
**BOILING POINT:** 74° C  
**VAPOR PRESSURE:** 10MM Hg  
**VAPOR DENSITY:** N/A  
**SOLUBILITY IN H2O:** No  
**SPECIFIC GRAVITY:** 0.9  
**MELTING POINT:** 67° C  
**EVAPORATION RATE:** N/A

**SECTION IV FIRE AND EXPLOSION HAZARD DATA**

**FLASH POINT:** 180°C  
**FLAMMABLE LIMITS:** N/A  
**AUTO IGNITION TEMPERATURE:** N/A  
**EXTINGUISHING MEDIUM:** No Preference  
**SPECIAL FIRE FIGHTING PROCEDURES:** None  
**UNUSUAL FIRE & EXPLOSIVE CONDITIONS:** None

**SECTION V REACTIVITY DATA**

**STABILITY:** Stable  
**CONDITIONS TO AVOID:** N/A  
**INCOMPATIBILITIES:** None  
**HAZARDOUS DECOMPOSITION:** None  
**HAZARDOUS POLYMERIZATION:** Will not occur.

## SECTION VI HEALTH HAZARD DATA

**ROUTES 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.

<u>CHEMICAL NAME</u>	<u>EHS RQ (LBS)</u>	<u>EH TPQ (LBS)</u>	<u>SEC. 313</u>	<u>313 CATEGORY</u>	<u>311/312 CATEGORIES</u>
	*1	*2	*3	*4	*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 372.42). 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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