



**Material Safety Data Sheet**  
 May be used to comply with  
 OSHA's Hazard Communication Standard,  
 29 CFR 1910.1200. Standard must be  
 consulted for specific requirements.

**U.S. Department of Labor**  
 Occupational Safety and Health Administration  
 (Non-Mandatory Form)  
 Form Approved  
 OMB No. 1218-0072

**Utility Paste Soldering Flux**

**IDENTITY (As Used on Label and List)**  
 Note: Blank spaces are not permitted, if any space is not applicable or no information is available, the space must be marked to indicate this.

**Section I**  
 Manufacturer's Name: Utility Manufacturing Co., Inc.  
 Address (Number, Street, City, State, and ZIP Code): 700 Main Street, Westbury, N.Y. 11590  
 Emergency Telephone Number: (516) 997-6300  
 Telephone Number for Information: Ag Above  
 Date Prepared: 5/2/88  
 Signature of Preparer (optional): \_\_\_\_\_

**Section II - Hazardous Ingredients/Identity Information**  
 Hazardous Components (Specific Chemical Identity, Common Name(s)) OSHA PEL ACGIH TLV Other Limits Recommended % (optional)  
Zinc Chloride - CAS #7646-85-7 Unknown Hg/CUM N/A 2.2  
Technical Petrolatum - CAS #8009-03-08 Unknown No Limit N/A 4.9  
Ammonium Chloride - CAS #12125-02-9 Unknown Hg/H<sup>2</sup> N/A 1.4

**Section III - Physical/Chemical Characteristics**  
 Boiling Point: N/A Specific Gravity (H<sub>2</sub>O = 1): 0.86  
 Vapor Pressure (mm Hg): N/A Melting Point: \_\_\_\_\_  
 Vapor Density (AIR = 1): N/A Evaporation Rate (Butyl Acetate = 1): N/A  
 Solubility in Water: Insoluble  
 Appearance and Odor: Light Amber - Odorless

**Section IV - Fire and Explosion Hazard Data**  
 Flash Point (Method Used): 400° F. C.O.C. Flammable Limits: N/A LEL: \_\_\_\_\_ UEL: \_\_\_\_\_  
 Extinguishing Media: Dry Chemical, CO<sub>2</sub>, or Foam

**Special Fire Fighting Procedures**  
Water may be ineffective as it might cause foaming when sprayed into hot burning lig  
Unusual fire and explosion hazards  
Dense smoke may be generated while burning. Carbon monoxide and carbon dioxide may  
be generated. Fumes may be irritating  
 (Reproduce locally) OSHA 174, Sept 1985

**SECTION V - HEALTH HAZARD DATA**  
 THRESHOLD LIMIT VALUE: N/A  
 EFFECTS OF OVEREXPOSURE: NONE  
 EMERGENCY AND FIRST AID PROCEDURES: N/A

**SECTION VI - REACTIVITY DATA**  
 STABILITY: UNSTABLE \_\_\_\_\_ STABLE \_\_\_\_\_ CONDITIONS TO AVOID: NONE  
 INCOMPATIBILITY (Materials to avoid): None  
 HAZARDOUS DECOMPOSITION PRODUCTS: \_\_\_\_\_  
 HAZARDOUS POLYMERIZATION: MAY OCCUR N/A CONDITIONS TO AVOID: \_\_\_\_\_  
 WILL NOT OCCUR N/A

**SECTION VII - SPILL OR LEAK PROCEDURES**  
 STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED: N/A  
 WASTE DISPOSAL METHOD: NO WASTE

**SECTION VIII - SPECIAL PROTECTION INFORMATION**  
 RESPIRATOR AND PROTECTION (Specify type): NONE SPECIAL: \_\_\_\_\_  
 VENTILATION: LOCAL EXHAUST \_\_\_\_\_ MECHANICAL (Specify) \_\_\_\_\_ OTHER: \_\_\_\_\_  
 PROTECTIVE GLOVES: NONE EYE PROTECTION: NONE  
 OTHER PROTECTIVE EQUIPMENT: NONE

**SECTION IX - SPECIAL PRECAUTIONS**  
 PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: NONE  
 OTHER PRECAUTIONS: \_\_\_\_\_