MATERIAL SAFETY DATA SHEET

GC Electronics
1801 Morgan St., Rockford, IL 61105-1209

PRODUCT NUMBER: 10-1207
PRODUCT NAME: SOLDERING PASTE
CHEMICAL FAMILY: INORGANIC SALT/HYDRO CARBON MIX

SECTION II - INGREDIENTS

<table>
<thead>
<tr>
<th>C.A.S. REGISTRY NO.</th>
<th>CHEMICAL NAME</th>
<th>% (WT)</th>
<th>TLV PEL</th>
<th>STEL</th>
<th>YES NO</th>
<th>CARCINOGENIC</th>
<th>AUTHORITY</th>
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</thead>
<tbody>
<tr>
<td>8009-03-8</td>
<td>PETROLATUM</td>
<td>98+</td>
<td>10mg</td>
<td>0mg</td>
<td>X</td>
<td>NTP, IARC</td>
<td>OSHA</td>
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<tr>
<td>12125-02-9</td>
<td>AMMONIUM CHLORIDE</td>
<td>&lt;1</td>
<td>10mg/m³</td>
<td>0mg/m³</td>
<td>X</td>
<td></td>
<td></td>
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<tr>
<td>7647-85-7</td>
<td>ZINC CHLORIDE</td>
<td>&lt;1</td>
<td>1mg/m³</td>
<td>2mg/m³</td>
<td>X</td>
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<td></td>
</tr>
</tbody>
</table>

SECTION III - PHYSICAL DATA

BOILING POINT
SPECIFIC GRAVITY
VAPOR PRESSURE □ P.S.I □ MMHg
% VOLATILE BY VOLUME
VAPOR DENSITY
EVAPORATION RATE (Butyl Acetate = 1)
SOLUBILITY IN H₂O
FORM □ LIQUID □ PASTE □ SOLID □ GAS
APPEARANCE AND ODOR
TAN PASTE - ALMOST ODORLESS

SECTION IV - FIRE & EXPLOSION HAZARD DATA

FLASH POINT
OPEN CUP □ CLOSED CUP
NO FLAMMABLE LIMITS
EXTINGUISHING MEDIA
DRY CHEMICAL, CO₂, FOAM
SPECIAL FIRE FIGHTING PROCEDURES
INORGANIC SALTS CONTENT SUPPRESSES COMBUSTION OF HYDROCARBONS

UNUSUAL FIRE & EXPLOSION HAZARDS
NONE KNOWN

HMIS/NFPA RATINGS
HEALTH 1 FLAMMABILITY 1 REACTIVITY 1
SECTION V - HEALTH HAZARD INFORMATION

EFFECTS OF OVEREXPOSURE
INHALATION OF VAPORS CAN CAUSE ASPIRATION PNEUMONIA

SKIN CONTACT MAY CAUSE DERMATITIS

INHALATION MAY CAUSE IRRITATION OF NOSE AND THROAT

PRIMARY ROUTES OF ENTRY —

☐ INHALATION ☑ SKIN CONTACT ☐ EYE CONTACT ☐ INGESTION

EMERGENCY/FIRST AID PROCEDURES

EYES: FLUSH WITH WATER

SKIN: WATER WITH SOAP AND WATER

INHALATION: FRESH AIR - CONSULT PHYSICIAN

INGESTION: CONSULT PHYSICIAN

SECTION VI - REACTIVITY DATA

☑ STABLE ☐ UNSTABLE

CONDITIONS TO AVOID — NONE

INCOMPATIBILITY (Mat'tls to Avoid) NONE

HAZARDOUS DECOMPOSITION PRODUCTS CO, CO₂

HAZARDOUS POLYMERIZATION ☐ MAY OCCUR ☑ WILL NOT OCCUR

SECTION VII - SPILL OR LEAK PROCEDURES

PROCEDURES

SCRAPe UP - PLACE IN METAL CONTAINER, WASH UP RESIDUE WITH SOAP OR DETERGENT AND WATER

WASTE DISPOSAL

SOLID WASTE DISPOSAL

SECTION VIII - SPECIAL PROTECTION INFORMATION

RESPIRATORY

NOT NORMALLY REQUIRED

EYEWEAR

SPECIALITY GLASSES

VENTILATION ☑ LOCAL EXHAUST ☐ MECHANICAL

AS REQUIRED TO AVOID BREATHING FUMES

CLOTHING/GLOVES

NONE NORMALLY REQUIRED. AVOID REPEATED OR PROLONGED SKIN CONTACT

SECTION IX - SPECIAL PRECAUTIONS

HANDLING & STORING

NO SPECIAL PRECAUTIONS NECESSARY

OTHER

NONE

BY          DATE

V. HAGEMAN  10-31-86