

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : M. C. CANFIELD SONS for FOSTER AND COMPANY, INC.  
15 Wing Drive EMERGENCY PHONE.....: 973-267-4100  
Cedar Knolls PREPARATION/REVISION DATE: 02/14/02  
NJ 07927

PREPARER/CONTACT: Gary Adams, Chemist

LOCATION : Whs 1

TRADE NAME/SYNONYMS...: FLUX PASTE 4 OZ.  
CHEMICAL NAME/SYNONYMS: Coppermate Paste Soldering Flux 4 oz.  
CHEMICAL FAMILY.....: Catalyst paste  
FORMULA.....: Mixture  
PRODUCT CODE.....: 514-0004

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

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\* HEALTH, ..... 1 \*  
\* FLAMMABILITY.. 0 \*  
\* REACTIVITY .... 0 \*  
\* PROTECTION.... B \*  
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SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
*Zinc Chloride	7646-85-7	22	N/A	N/A
Technical Petrolatum	8009-03-08	49	N/A	N/A
*Ammonium Chloride	12125-02-9	14	N/A	N/A

\*this ingredient is reportable under EPA  
SARA Title III-please check applicable  
states for additional regulations.

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):NO

CHEMICAL/COMMON NAME	CAS-NUMBER	%	NTP	IARC	OSHA
N/A	N/A	N/A	N/A	N/A	N/A

SECTION 3 - HEALTH HAZARD DATA

HEALTH EFFECTS (Acute And Chronic)-  
INGESTION: Injury unlikely.  
EYES: Can be irritating and cause burns to eyes.  
SKIN: Slightly irritating.  
INHALATION: Can be irritating and cause burns to mucuous membranes.  
DO NOT INHALE smokes or mists.

PRIMARY ROUTES OF ENTRY-  
Inhalation, skin, eyes.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-  
None known.

EMERGENCY FIRST AID PROCEDURES-  
EYES OR SKIN: Irrigate with copius amounts of water. Remove contaminated clothing. Contact physician if irritation persists.  
INHALATION: Remove to uncontaminated area. Call physician.  
INGESTION: Call physician or poison control center. Induce vomiting if large quantity has been swallowed.

SECTION 4 - CHEMICAL DATA  
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BOILING POINT (F).....: N/A	SPECIFIC GRAVITY (WATER=1).....: 0.86
VAPOR PRESSURE (mmHg): N/A	PERCENT VOLATILE BY VOLUME (%): N/A
VAPOR DENSITY (AIR=1): N/A	EVAPORATION RATE (N/A): N/A

SOLUBILITY IN WATER-  
Insoluble.

APPEARANCE AND ODOR INFORMATION-  
Amber paste with no discernable odor.

SECTION 5 - PHYSICAL HAZARD DATA  
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FLASH POINT (Method Used): 400F COC      FLAMMABLE LIMITS : Lel=N/I    UEL=N/I

EXTINGUISHING MEDIA-  
Dry chemical, C02, or foam.

SPECIAL FIRE FIGHTING PROCEDURES-  
Will no support combustion but water may be ineffective as it might cause foaming when sprayed into hot burning liquid.

UNUSUAL FIRE AND EXPLOSION HAZARDS-  
Dense smoke may be generated while burning. Carbon monoxide and carbon dioxide may be generated. Fumes may be irritating.

INCOMPATIBILITY (Materials To Avoid)-  
May react with strong oxidizing agents.

HAZARDOUS DECOMPOSITION PRODUCTS-  
Hydrogen Chloride, Zinc Oxide.

WILL HAZARDOUS POLYMERIZATION OCCUR-  
Not known to occur.

CONDITIONS TO AVOID FOR POLYMERIZATION-  
None known.

IS THE PRODUCT STABLE-  
Yes, the product is stable.

CONDITIONS TO AVOID FOR STABILITY-  
None known.

#### SECTION 6 - SPILL OR LEAK PROCEDURES

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STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-  
Do not get on skin, in eyes or in clothing. Avoid breathing mist and fumes. Scrape up all material into approved containers.

WASTE DISPOSAL METHODS-  
Observe all Federal, State and local regulations. Empty containers are suitable for sanitary landfill.

#### SECTION 7 - EXPOSURE CONTROL INFORMATION

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VENTILATION-  
LOCAL EXHAUST: maintain adequate                   MECHANICAL (General): N/A  
SPECIAL,.....: ventilation                           OTHER.....: N/A

RESPIRATORY PROTECTION-  
None for normal use. Avoid inhaling smoke.

PROTECTIVE GLOVES-  
Recommend rubber gloves.

OTHER PROTECTIVE EQUIPMENT-  
Chemical safety goggles, apron.

OTHER ENGINEERING CONTROLS-  
None deemed necessary.

WORK PRACTICES-  
N/A

HYGIENIC PRACTICES-  
Wash hands after use and before eating or using lavatory facilities, do not take internally.

#### SECTION 8 - SPECIAL PRECAUTIONS

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PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-  
Wash all equipment after handling. Wash hands after handling.  
Work with procedure and equipment which minimizes exposure to smoke and fumes.

08-09-02  
CSS-14038

MATERIAL SAFETY DATA SHEET 00227  
CHEM-POWER DIV/FOSTER & CO

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MAINTENANCE PRECAUTIONS-

N/A

OTHER PRECAUTIONS-

KEEP OUT OF REACH OF CHILDREN!

ADDITIONAL COMMENTS-

SHIPPING NAME: Flux, soldering NOI Class 70.