

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)

*
* HEALTH, 1 *
* FLAMMABILITY.. 0 *
* REACTIVITY 0 *
* PROTECTION.... B *

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

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

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

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

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

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.

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MATERIAL SAFETY DATA SHEET 00227
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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.