

SECTION 1 - MANUFACTURER INFORMATION

MANUF/DIST : CHEM-POWER MFG DIV/ 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...: FOSTALLOY 1142 FLUX
CHEMICAL NAME/SYNONYMS: Flux 4 oz. Jar
CHEMICAL FAMILY.....: Brazing Flux
FORMULA.....: Complex Mixture
PRODUCT CODE.....: 703-0001

HAZARDOUS MATERIAL IDENTIFICATION SYSTEM (HMIS)

* * * * *
* HEALTH..... 3 *
* FLAMMABILITY.. 0 *
* REACTIVITY.... 1 *
* PROTECTION.... X *
* * * * *

SECTION 2 - HAZARDOUS INGREDIENTS

THIS PRODUCT CONTAINS HAZARDOUS INGREDIENTS : YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	PEL-OSHA	TLV-ACGIH
*Zinc Chloride Fumes	7646-85-7	N/I	N/I	1mg/m3
Total Fluoride as F	N/I	N/I	N/I	2.5mg/m3
Remaining ingredients are proprietary and are classified as non-hazardous. *this ingredient is reportable under EPA SARA Title 111-please check applicable states for additional regulations.				
TOTAL MIXTURE	N/I	100		7.268 mg/m3

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)-
OSHA PERMISSABLE EXPOSURE LIMIT: 7.268MG/M3 per TLV for mixture in ACGIH.
INHALATION: Irritation to respiratory system.

SKIN CONTACT/ABSORPTION: Not known as a skin absorbent. Dermatitis, possible chemical burn.

INGESTION: Can cause chemical burn to digestive system.

EYES: Irritation to eyes and possible burn to eye surfaces.

PRIMARY ROUTES OF ENTRY-

Eyes, inhalation, ingestion.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-

None known.

EMERGENCY FIRST AID PROCEDURES-

EYES & SKIN: For eyes get medical attention immediately. Promptly flush with water. For skin call a physician if a rash develops.

INHALATION: Remove to fresh air.

INGESTION: Contains zinc chloride and a salt of lithium. Call physician immediately and advise.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: N/A

SPECIFIC GRAVITY (WATER=1).....: 2.15

VAPOR PRESSURE (mmHg): N/A

PERCENT VOLATILE BY VOLUME (%): N/A

VAPOR DENSITY (AIR=1): N/A

EVAPORATION RATE (Butyl Acetate =1): N/A

SOLUBILITY IN WATER-

Slight.

APPEARANCE AND ODOR INFORMATION-

White powder, no odor.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): Nonflammabl FLAMMABLE LIMITS : Lel=N/A UEL=N/A

EXTINGUISHING MEDIA-

NIA

SPECIAL FIRE FIGHTING PROCEDURES-

Metal halide fumes produced. Use approved equipment.

UNUSUAL FIRE AND EXPLOSION HAZARDS-

None.

INCOMPATIBILITY (Materials To Avoid)-

Strong nitric and sulphuric acids.

HAZARDOUS DECOMPOSITION PRODUCTS-

In presence of water and heat, HCl and HF will be given off.

WILL HAZARDOUS POLYMERIZATION OCCUR-
No.

CONDITIONS TO AVOID FOR POLYMERIZATION-
None.

IS THE PRODUCT STABLE-
Yes.

CONDITIONS TO AVOID FOR STABILITY-
None

SECTION 6 - SPILL OR LEAK PROCEDURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED-
Contain spill, absorb and sweep up dispose. Flush area with water to chemical sewer.

WASTE DISPOSAL METHODS-
Follow Federal, State and Local regulations regarding disposal.

SECTION 7 - EXPOSURE CONTROL INFORMATION

VENTILATION-
LOCAL EXHAUST: N/I
SPECIAL.....: N/I
MECHANICAL (General): Maintain air flow,
OTHER.....: do not exceed TLV.

RESPIRATORY PROTECTION-
If work station is not properly ventilated, use a NIOSH approved mask.

PROTECTIVE GLOVES-
Regular protective equipment as is normally used in brazing or welding.

OTHER PROTECTIVE EQUIPMENT-
Chemical safety glasses shade 5 for brazing.

OTHER ENGINEERING CONTROLS-
N/A

WORK PRACTICES-
N/A

HYGIENIC PRACTICES-
Wash hands thoroughly after use, especially before eating, drinking or smoking.

SECTION 8 - SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-
Store flux under ambient conditions. Material readily absorbs water. Keep container sealed. Remove and wash contaminated clothing before re-use.

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MATERIAL SAFETY DATA SHEET 00206
CHEM-POWER DIV/FOSTER & CO

PAGE 4

MAINTENANCE PRECAUTIONS-

N/A

OTHER PRECAUTIONS-

N/A

ADDITIONAL COMMENTS-

KEEP OUT OF REACH OF CHILDREN!