

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...: ZICROM STEEL
CHEMICAL NAME/SYNONYMS: Epoxy-steel Repair Paste
CHEMICAL FAMILY.....: Epoxy & polymercaptan resin
FORMULA.....: Mixture
PRODUCT CODE.....: 514-203

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
2,4,6-tri(dimethylaminomethyl) phenol	90-72-2	1.5	TWA 8 hr	5 ppm
Epoxy resin (diglycidyl ether of bisphenol A)	25068-38-6	10-30	N/I	N/I
Crystalline Silica	14808-60-7	1-5	N/I	N/I

THIS PRODUCT CONTAINS CARCINOGENS (NTP, IARC, or OSHA):YES

CHEMICAL/COMMON NAME	CAS-NUMBER	%	NTP	IARC	OSHA
Silica (crystalline quartz) Probable carcinogen if inhaled as a respirable dust. Take precautions if grinding or sanding this product.	14808-60-7	1-5	N/A	N/A	yes

SECTION 3 - HEALTH HAZARD DATA

.....

HEALTH EFFECTS (Acute And Chronic)-
No chronic effects expected.
INHALATION: None, non-volatile.
INGESTION: No information available.

SKIN CONTACT: Possible sensitizer.
EYE CONTACT: Possible sensitizer.

PRIMARY ROUTES OF ENTRY-
Skin contact, eye contact.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE-
None known.

EMERGENCY FIRST AID PROCEDURES-

INHALATION: N/A

INGESTION: Induce vomiting, call physician or poison control center.

SKIN CONTACT: Wash with soap and water; consult physician if any irritation or symptoms of injury persist.

EYE CONTACT: Flush with water for 15 minutes, call physician.

SECTION 4 - CHEMICAL DATA

BOILING POINT (F).....: N/I
VAPOR PRESSURE (mmHg): Nil
VAPOR DENSITY (AIR=1): N/A

SPECIFIC GRAVITY (WATER=1).....: 1.9
PERCENT VOLATILE BY VOLUME (%).....: 0.0%
EVAPORATION RATE (Butyl acetate =1): Nil

SOLUBILITY IN WATER-
Nil

APPEARANCE AND ODOR INFORMATION-
Gray putty with mercaptan odor until set, then odorless solid.

SECTION 5 - PHYSICAL HAZARD DATA

FLASH POINT (Method Used): None

FLAMMABLE LIMITS : Lel=N/A UEL=N/A

EXTINGUISHING MEDIA-
Water spray, any convenient.

SPECIAL FIRE FIGHTING PROCEDURES-
None deemed necessary.

UNUSUAL FIRE AND EXPLOSION HAZARDS-
None known.

INCOMPATIBILITY (Materials To Avoid)-
None known.

HAZARDOUS DECOMPOSITION PRODUCTS-
Carbon monoxide, aldehydes, acids, oxides of Sulfur and Nitrogen.

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-
Allow to set, scrape up.

WASTE DISPOSAL METHODS-
Not deemed a hazardous waste use normal waste disposal source for solids.

SECTION 7 - EXPOSURE CONTROL INFORMATION
.....

VENTILATION-
LOCAL EXHAUST: N/A
SPECIAL.....: N/A
MECHANICAL (General): N/A
OTHER.....: N/A

RESPIRATORY PROTECTION-
NIOSH approved dust protection if sanding or grinding this material as silica dust is a contributor to lung tumors and "miner's asthma".

PROTECTIVE GLOVES-
Polyethylene for repeated or prolonged use.

OTHER PROTECTIVE EQUIPMENT-
Safety Glasses.

OTHER ENGINEERING CONTROLS-
None deemed necessary.

WORK PRACTICES-
N/A

HYGIENIC PRACTICES-
Wash hands after use and before eating or using lavatory facilities.

SECTION 8 - SPECIAL PRECAUTIONS
.....

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE-
Store at ambient conditions. Avoid skin and eye contact. Keep away from air ie. Keep container closed and/or wrapped.

06-03-02
CSS-14038

MATERIAL SAFETY DATA SHEET 00115
CHEM-POWER DIV/FOSTER & CO

PAGE 4

MAINTENANCE PRECAUTIONS-
Keep dry.

OTHER PRECAUTIONS-
Keep out of reach of children.

ADDITIONAL COMMENTS-
Shipping name: Consumer Commodity. Class 55.