

1FID: 00048434
VER DATE: 1980-12-15

C H E M I S T R I
MATERIAL SAFETY DATA SHEET

DATE: 10/22/02
TIME: 19:01:09
PAGE: 0001

SECTION 01: CHEMICAL PRODUCT & COMPANY ID

PRODUCT PRIMARY NAME: SOLDER UNIT
ALL SYNONYMS : GM SOLDER UNIT
PLASTIC SOLDER 1
SOLDER UNIT
SOLDER UNIT - PLASTIC
1051377
1051383
1051384
33745 (OLD FID)

MSDS SIGNED BY NAME: JOHN A. HATTON
MSDS SIGNED BY TITLE: TECHNICAL DIRECTOR

SAFE USE CATEGORY AND DESCRIPTION: 03 -SOLVENTS - FLASH POINT: > 100 F

LAST UPDATED DATE: 1988-04-20

MANUFACTURER'S ID (MID): 000501523
MANUFACTURER'S NAME: FIBREGLASS-EVERCOAT CO., INC.
MANUFACTURER'S EMERGENCY PHONE NUMBER/TEXT: US 800-729-7600
MANUFACTURER'S MAILING ADDRESS:

6600 CORNELL RD
CINCINNATI OH 45242
US

CHEMICAL FAMILY NAME: POLYESTER RESIN

MOLECULAR FORMULA: N/A

SECTION 02: COMPOSITION & INGREDIENT INFO

CAS#	FORMULATION	W/V	CHEMICAL NAME
000100425	< 0.0000/ 60.0000%	W	STYRENE
001343880	= 40.0000/ 0.0000%	W	Silicic acid, magnesium salt
989920457	< 0.0000/ 60.0000%	W	UNSATURATED POLYESTER RESIN

THRESHOLD LIMIT VALUE: 100 PPM STYRENE

SECTION 03: HAZARDS IDENTIFICATION

PRIMARY ENTRY ROUTE INDICATORS:
SKIN PRIMARY ENTRY ROUTE INDICATOR = N
EYE PRIMARY ENTRY ROUTE INDICATOR = N
INHALATION PRIMARY ENTRY ROUTE INDICATOR = N
INGESTION PRIMARY ENTRY ROUTE INDICATOR = N

EFFECTS OF OVEREXPOSURE: EYE AND NASAL IRRITATION. DIZZINESS OR DRUNKENESS.

SECTION 04: FIRST AID MEASURES

EMERGENCY FIRST AID PROCEDURES - GENERAL: INHALATION: REMOVE PERSON TO FRESH AIR. GET MEDICAL ATTENTION. INGESTION: DO NOT INDUCE VOMITING. GET MEDICAL ATTENTION.

SECTION 05: FIRE-FIGHTING MEASURES

EXTINGUISHING MEDIA: WATER FOG, FOAM, CO2, DRY CHEMICAL.

UNUSUAL FIRE AND EXPLOSION HAZARDS: AT ELEVATED TEMPERATURES SUCH AS IN FIRE CONDITIONS, POLYMERIZATION MAY TAKE PLACE. IF CONTAINED, VIOLENT RUPTURE MAY OCCUR.

NFPA CODES:

NFPA FLAMMABILITY CODE =	2
NFPA HEALTH CODE =	3
NFPA REACTIVITY CODE =	2

FLASH POINT TEMPS: 38.00C/ 102.00F

FLASH POINT TEXT: 102F OC

FLASH POINT METHOD: OC

SECTION 06: ACCIDENTAL RELEASE MEASURES

SPILL OR LEAK PROCEDURES: COVER SPILL WITH ABSORBENT AGENT. SCRAPE UP AND CLEAN SPILL AREA WITH SOLVENT.

SECTION 07: HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: STORE BELOW 80F.

SECTION 08: EXPOSURE CONTROLS - PROTECTION

EYE PROTECTION: GOGGLES.

RESPIRATORY PROTECTION: UP TO 100 PPM: NONE. 100 PPM AND ABOVE: SELF-CONTAINED BREATHING APPARATUS.

PROTECTIVE GLOVES (SPECIFY TYPE): NEOPRENE OR CHEMICAL GLOVES.

SECTION 09: PHYSICAL & CHEMICAL PROPERTIES

BOILING POINT TEMPS: 145.00C/ 293.00F

BOILING POINT TEXT: 293F

SPECIFIC GRAVITY VALUES: = 1.7400

SPECIFIC GRAVITY TEXT: =1.74

VAPOR DENSITY VALUES: 3.6000

VAPOR DENSITY TEXT: 3.6

VAPOR PRESSURE VALUES/UOM: 4.5000

VAPOR PRESSURE TEXT: 4.5

PERCENT VOLATILE BY VOLUME: 25.0000
PERCENT VOLATILE BY VOLUME TEXT: 25

EVAPORATION RATE TEXT: N/A

SOLUBILITY IN WATER TEXT: NIL

PH OF PRODUCT IN SOLUTION WITH WATER/TEXT: N/A

APPEARANCE: GRAY PASTE / AROMATIC ODOR

PHYSICAL STATE: PAS
PHYSICAL STATE TEXT: PASTE

SECTION 10: STABILITY & REACTIVITY

STABILITY INDICATOR: N
STABILITY - TEXT: NO

INCOMPATIBLE MATERIALS: N/A

HAZARDOUS DECOMPOSITION PRODUCTS: CO, CO2.

HAZARDOUS POLYMERIZATION INDICATOR: Y
HAZARDOUS POLYMERIZATION - CONDITIONS TO AVOID: HIGH TEMPERATURES.
HAZARDOUS POLYMERIZATION TEXT: YES

SECTION 13: DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD: INCINERATE IN PROPER FURNACE. COMPLY WITH
FEDERAL, STATE AND LOCAL REGULATIONS.

SECTION 16: OTHER INFORMATION

LOCAL EXHAUST: NATURAL VENTILATION SUFFICIENT.

SPECIAL PROTECTION (MECHANICAL): DOWN DRAFT MECHANICAL EXHAUST.

SAFE USE CATEGORY AND DESCRIPTION :

03 SOLVENTS - FLASH POINT: > 100 F

REGULATORY IMPACTS (REG) AND ADDITIONAL HEALTH HAZARD STATEMENTS (HHS) :

CAS#: 000100425 STYRENE

REG:

0001,0003,0004,0005,0008,0009,0011,0012,0016,0017,0019,0020
0023,0031,0032,0034,0037,0038,0039,0042,0047,0048,0056,0059
0061,0063,0065,0066,0068,0070,0084,0088,0089,0104,0109,0113
0117,0123

HHS:

LONG-TERM OVEREXPOSURE MAY RESULT IN RESPIRATORY IRRITATION. NERVOUS SYSTEM, LIVER, BLOOD EFFECTS. PROLONGED OR REPEATED EXPOSURE MAY RESULT IN AN INCREASED CANCER RISK.

CAS#: 001343880 Silicic acid, magnesium salt

REG:

0012

REGULATORY KEY LIST:

0001	OSHA-PEL	0003	ACGIH-TLV	0004	GM-SPEC CHEM
0005	SUSP CARCIN	0006	EPA HW261.33	0007	EPA HW-APP 8
0008	MCMR	0009	FWPC-SEC 311	0010	EPA PRIORPOL
0011	NY SUBS CONC	0012	TSCA INV	0014	MI AIR POLLU
0015	SUP TAX CHEM	0016	MI HW-ACT 64	0017	CA HAZ SUBST
0019	MA SUBST	0020	NJ ENV SUBST	0021	TOX ORGANICS
0023	MD CLASS II	0031	ALLGHNY CTY	0032	IL-RTK
0034	FLT CRIT IND	0036	PRO EP TOX	0037	MO SPECIES
0038	MO-RTK	0039	ONT 654-86	0042	WI TABLE 1
0047	SARA 313	0048	CERCLASEC103	0050	P-65 REP TOX
0056	CT 29-3	0058	EPA261.33(F)	0059	CA AIR TOX 1
0061	PA RTK	0063	PELS REVISED	0064	NPDES-TOXPOL
0065	NJ W&C RTK	0066	CAA HAZ POL	0068	MI 307-CARC
0070	MICH AIR	0078	GREAT LAKES	0083	TSCA 8(D))
0084	GM OEG	0085	TSCA-TEST	0087	TSCA 12(B)
0088	NAT. POLL. REL	0089	NY CHEM BULK	0091	LAND DISP. - II
0098	DSL - CANADA	0104	CERCLA-HAZWOPER	0105	GLPPP-SPECIFIC
0106	GLPPP-SPECIFIC	0109	APPENDIX IX	0113	IARC-GROUP 2B
0117	GMW 3059-REPORT	0122	ACDM-REPORTING	0123	MDEQ PART 5

GMBA/PLANT USING THIS FID:

GMBA: 000550678 SPO - DISTRIBUTABLE MATERIALS
CISCO: 17001;
STATUS :ACTIVE
GMBA: 000550889 GMTG - DETROIT ASSEMBLY
CISCO: 48097;
STATUS :INACTIVE
GMBA: 000550957 CHEMICAL RISK MANAGEMENT
CISCO: 89150;
STATUS :ACTIVE
GMBA: 000556705 ENVIRONMENTAL SYSTEMS HELPDESK
CISCO: 99004;
STATUS :ACTIVE