

# EpoxyMaster®

## MATERIAL SAFETY DATA SHEET

MFG.CODE # EM-CPK

### SECTION I

<b>MANUFACTURER'S NAME</b> <b>EpoxyMaster</b>		<b>EMERGENCY TELEPHONE NO:</b> <b>CHEMTREC: 800-424-9300</b>	
<b>ADDRESS (Street, City, State and Zip Code)</b> <b>755 W. Big Beaver Rd., Suite 2020 Troy, MI 48084-4726</b>			
<b>CHEMICAL NAME AND SYNONYMS</b> N/A	<b>TRADE NAME AND SYNONYMS</b> <b>EM-PATCH (PART A)</b>		
<b>CHEMICAL FAMILY</b> N/A	<b>FORMULA</b> N/A		

### SECTION II – HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (UNITS)
Biphenyl A/Epichlorohydrin Based Epoxy Resin	(CAS# 25068-38-6)	>1 N/A
Oxirane, mono[(C12-14-alkyloxy)methyl] derivates	(CAS# 68069-97-2)	>1 N/A
Oxirane, mono[(C12-13-alkyloxy)methyl] derivates	(CAS# 012547-52-6)	>1 N/A

All components of this product are listed on the E.P.A./TSCA inventory of chemical substances.

### SECTION III – PHYSICAL DATA

<b>BOILING POINT °F</b>	200+	<b>SPECIFIC GRAVITY (H2O = 1)</b>	1.13
<b>VAPOR PRESSURE (mm. Hg. @ 20°C)</b>	0.09	<b>PERCENT VOLATILE BY VOLUME (%)</b>	0
<b>VAPOR DENSITY (AIR = 1)</b>	heavier	<b>EVAPORATION RATE ( =1) N-Butyl Acetate</b>	slower
<b>SOLUBILITY IN WATER</b>	negligible	<b>PH</b>	N/A

**APPEARANCE AND ODOR**

Clear to yellow viscous liquid with characteristic acrylate odor.

### SECTION IV – FIRE AND EXPLOSION DATA

<b>FLASH POINT (Method Used)</b> 200°F (Setaflash)	<b>FLAMMABLE LIMITS</b>	LeI	UeI
		Not	Determined

**EXTINGUISHING MEDIA**

Water Fog, Dry Chemical, Foam, Carbon Dioxide

**SPECIAL FIRE FIGHTING PROCEDURES**

Fire fighters should wear full protective clothing including self-contained respiratory equipment operated in a positive mode. Use water spray to keep containers cool.

**UNUSUAL FIRE AND EXPLOSION HAZARDS**

High temperatures and fire conditions may cause rapid and uncontrolled polymerization which can result in explosions and the violent rupture of containers.

(Continued on reverse side)



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<b>CHEMICAL NAME AND SYNONYMS</b>	N/A	<b>TRADE NAME AND SYNONYMS</b>	<b>EM-PATCH (PART B)</b>
<b>CHEMICAL FAMILY</b>	N/A	<b>FORMULA</b>	N/A

### SECTION II – HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (UNITS)
Modified Polyethylene polyamine Adducts	<1	N/A
Diethylenetriamine	(CAS# 111-40-0) <1	N/A
4,4'-Isopropylidenebisphenol	(CAS# 80-05-7) <1	N/A.
Tetraethylethepentamine	(CAS# 112-57-2) <1	N/A.

All components of this product are listed on the E.P.A./TSCA inventory of chemical substances.

### SECTION III – PHYSICAL DATA

<b>BOILING POINT °F</b>	475+	<b>SPECIFIC GRAVITY (H2O = 1)</b>	1.0
<b>VAPOR PRESSURE (mm. Hg.)</b>	0.1	<b>PERCENT VOLATILE BY VOLUME (%)</b>	0
<b>VAPOR DENSITY (AIR = 1)</b>	heavier	<b>EVAPORATION RATE ( =1) n-Butyl Acetate</b>	1
<b>SOLUBILITY IN WATER</b>	slight	<b>PH</b>	11.5
<b>APPEARANCE AND ODOR</b> Amber liquid with amine odor.			

### SECTION IV – FIRE AND EXPLOSION DATA

<b>FLASH POINT (Method Used)</b>  200+°F    Setaflash	<b>FLAMMABLE LIMITS</b>	LeI	UeI
		N/A	N/A
<b>EXTINGUISHING MEDIA</b> Water Fog, Alcohol Foam, Dry Chemical, Carbon Dioxide			
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Fire fighters should wear full protective clothing including self-contained respiratory equipment operated in a positive mode. Use water spray to keep containers cool.			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> Nitrogen Oxides and Nitrogen containing organic material may be released upon combustion may cause lung damage (Pulmonary edema).			

(Continued on reverse side)



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<b>CHEMICAL NAME AND SYNONYMS</b> N/A	<b>TRADE NAME AND SYNONYMS</b> <b>EM-PATCH                      (PART C)</b>		
<b>CHEMICAL FAMILY</b> N/A	<b>FORMULA</b> N/A		

### SECTION II – HAZARDOUS INGREDIENTS

HAZARDOUS MIXTURES OF OTHER LIQUIDS, SOLIDS, OR GASES	%	TLV (UNITS)
Silicon Dioxide (CAS# 7631-86-9)	>1	10 mg/m <sup>3</sup>

All components of this product are listed on the E.P.A./TSCA inventory of chemical substances.

### SECTION III – PHYSICAL DATA

<b>BOILING POINT °F</b>	N/A	<b>SPECIFIC GRAVITY (H2O = 1)</b>	70 lbs/ft
<b>VAPOR PRESSURE (mm. Hg.)</b>	N/A	<b>PERCENT VOLATILE BY VOLUME (%)</b>	0
<b>VAPOR DENSITY (AIR = 1)</b>	N/A	<b>EVAPORATION RATE ( =1)</b>	N/A
<b>SOLUBILITY IN WATER</b>	insoluble	<b>PH</b>	N/A
<b>APPEARANCE AND ODOR</b> Grey granules with no odor.			

### SECTION IV – FIRE AND EXPLOSION DATA

<b>FLASH POINT (Method Used)</b> None	<b>FLAMMABLE LIMITS</b>	LeI	UeI
		N/A	N/A
<b>EXTINGUISHING MEDIA</b> Use extinguishing media suitable for fighting surrounding fire.			
<b>SPECIAL FIRE FIGHTING PROCEDURES</b> Fire fighters should wear full protective clothing including self-contained respiratory equipment operated in a positive mode.			
<b>UNUSUAL FIRE AND EXPLOSION HAZARDS</b> None			

(Continued on reverse side)

