

# EpoxyMaster®

## MATERIAL SAFETY DATA SHEET

MFG.CODE # EM-FJS

### 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>900 Wilshire Drive, Suite 202</b> <span style="float: right;"><b>Troy, MI</b> <b>48084-4726</b></span>			
<b>CHEMICAL NAME AND SYNONYMS</b> N/A		<b>TRADE NAME AND SYNONYMS</b> <b>FLEXIBLE JOINT SEALER (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)
Modified Diglycidyl Ether of Bisphenol A (CAS# 25068-38-6)	>1	N/A
Alkyl Glycidyl Ether (CAS# 68609-97-2)	>1	N/A
Alkyl Phenol (CAS# 84852-15-3)	>1	N/A
Limestone (CAS# 1317-85-3)	>1	10 mg/m3
Titanium Dioxide (CAS# 13463-67-7)	>1	10 mg/m3
All components of this product are listed on the E.P.A./TSCA inventory of chemical substances.		

### SECTION III – PHYSICAL DATA

<b>BOILING POINT (deg. F)</b>	200	<b>SPECIFIC GRAVITY (H2O = 1)</b>	1.2
<b>VAPOR PRESSURE (mm. Hg.)</b>	not determined	<b>PERCENT VOLATILE BY VOLUME (%)</b>	0
<b>VAPOR DENSITY (AIR = 1)</b>	not determined	<b>EVAPORATION RATE ( =1)</b>	N/A
<b>SOLUBILITY IN WATER</b>	negligible	<b>PH</b>	N/A
<b>APPEARANCE AND ODOR</b> Medium viscosity white liquid.			

### SECTION IV – FIRE AND EXPLOSION DATA

<b>FLASH POINT (Method Used)</b> 200+ degrees F	SETA FLASH	<b>FLAMMABLE LIMITS</b>	
		Lel N/A	Uel N/A
<b>EXTINGUISHING MEDIA</b> Foam, Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Fog			
<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)

## SECTION V – HEALTH HAZARD DATA

<b>THRESHOLD LIMIT VALUE</b> not established	<b>PRIMARY ROUTES OF ENTRY</b> Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (Specify) <input type="checkbox"/>
<b>EFFECTS OF OVEREXPOSURE</b> Eyes - irritation. Skin - prolonged contact can cause irritation, may cause allergic skin reaction. Inhalation - not a likely route of exposure unless heated - when product is heated vapors can cause irritation to eyes. Ingestion - low acute oral toxicity.	
<b>EMERGENCY AND FIRST AID PROCEDURE</b> Eyes - flush with copious amounts of water lifting lids and removing contact lenses to ensure complete irrigation - get medical attention. Skin - wash with soap and water, launder contaminated clothing before reuse - get medical attention if irritation persists. Inhalation - remove to fresh air and assist breathing as necessary - get medical attention. Ingestion - if large amounts have been ingested - INDUCE VOMITING and get medical attention, otherwise get medical attention.	
<b>MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE</b> Persons with pre-existing respiratory or allergic reactions.	
<b>Carcinogen:</b> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OTHER <input type="checkbox"/> <span style="margin-left: 100px;">No</span>	

## SECTION VI – REACTIVITY DATA

<b>STABILITY</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">UNSTABLE</td> <td style="width: 50%;"></td> </tr> <tr> <td>STABLE</td> <td style="text-align: center;">X</td> </tr> </table>	UNSTABLE		STABLE	X	<b>CONDITIONS TO AVOID</b> Excessive heat and open flames.
UNSTABLE						
STABLE	X					
<b>INCOMPATIBILITY (Conditions to avoid)</b> Strong Oxidizers, Lewis or Mineral acids						
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b> Oxides of Carbon, Aldehydes, Acids						
<b>HAZARDOUS POLYMERIZATION</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">MAY OCCUR</td> <td style="width: 50%;"></td> </tr> <tr> <td>WILL NOT OCCUR</td> <td style="text-align: center;">X</td> </tr> </table>	MAY OCCUR		WILL NOT OCCUR	X	<b>CONDITIONS TO AVOID</b> None
MAY OCCUR						
WILL NOT OCCUR	X					

## SECTION VII – SPILL OR LEAK PROCEDURES

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b> Use absorbent material to soak up spill. Shovel or sweep into container for disposal. Clean spill area with detergent solution.
<b>WASTE DISPOSAL METHOD</b> In accordance with all local, state, and federal regulations.

## SECTION VIII – SPECIAL PROTECTION INFORMATION

<b>SPECIAL RESPIRATORY PROTECTION (Specify type)</b> Use NIOSH approved respirator as required to prevent overexposure to vapor in accordance with 29 CFR 1910.134.							
<b>VENTILATION</b>	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;"><b>LOCAL EXHAUST</b> May be necessary to remove heated vapors.</td> <td style="width: 50%;"><b>SPECIAL</b> N/A</td> </tr> <tr> <td><b>MECHANICAL (General)</b> Usually sufficient to control vapors and exposure hazards.</td> <td><b>OTHER</b> N/A</td> </tr> </table>	<b>LOCAL EXHAUST</b> May be necessary to remove heated vapors.	<b>SPECIAL</b> N/A	<b>MECHANICAL (General)</b> Usually sufficient to control vapors and exposure hazards.	<b>OTHER</b> N/A		
<b>LOCAL EXHAUST</b> May be necessary to remove heated vapors.	<b>SPECIAL</b> N/A						
<b>MECHANICAL (General)</b> Usually sufficient to control vapors and exposure hazards.	<b>OTHER</b> N/A						
<b>PROTECTIVE GLOVES</b> Impervious	<b>EYE PROTECTION</b> Chemical Goggles						
<b>OTHER PROTECTIVE EQUIPMENT</b> Eyewash and safety shower.							

## SECTION IX – SPECIAL PRECAUTIONS

<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b> Avoid contact - wear protective clothing and wash thoroughly after using. Contaminated leather articles cannot be cleaned and must be discarded.
<b>OTHER PRECAUTIONS</b> Avoid inhalation of vapors especially if heated - use only with adequate ventilation. Do not take internally. Keep Out of Reach of Children

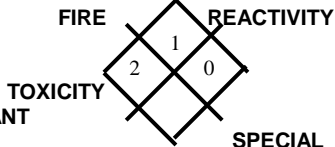
### HMIS SYMBOL

HEALTH	2
FLAMMABILITY	1
REACTIVITY	0

HMIS NFPA

SEVERE 4 EXTREME  
SERIOUS 3 HIGH  
MODERATE 2 MODERATE  
SLIGHT 1 SLIGHT  
MINIMAL 0 INSIGNIFICANT

NFPA SYMBOL



<b>NAME</b>
<b>SIGNATURE</b>
<b>TITLE</b>
<b>PREPARATION DATE</b> December 1, 2009
<b>PHONE NUMBER</b> CHEMTREC 800-424-9300
<b>PAGE TWO:</b> FLEXIBLE JOINT SEALER (PART A)

# EpoxyMaster®

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### 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>900 Wilshire Drive, Suite 202</b> <span style="float: right;"><b>Troy, MI</b> <b>48084-4726</b></span>			
<b>CHEMICAL NAME AND SYNONYMS</b> N/A		<b>TRADE NAME AND SYNONYMS</b> <b>FLEXIBLE JOINT SEALER (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)
N-Aminoethylpiperazine (CAS# 140-31-8)	>1	N/A
Nonyl Phenol (CAS# 25154-52-3)	>1	N/A
1,2 Benzenedicarboxylic Acid, Dibutyl Ester (CAS# 84-74-2)	>1	5 mg/m3
Limestone (CAS# 1317-85-3)	>1	10 mg/m3
Carbon Black (CAS# 1333-86-4)	>1	3 mg/m3
This product contains 1 pound of 1,2 Benzenedicarboxylic Acid, Dibutyl Ester per gallon of product.		
1,2 Benzenedicarboxylic Acid, Dibutyl Ester is a regulated chemical under the Emergency Planning and Right-To-Know Act. You are required to file E.P.A. SARA reports once the threshold of 10,000 pounds of this chemical has been purchased for one location in each calendar year.		
All components of this product are listed on the E.P.A./TSCA inventory of chemical substances.		

### SECTION III – PHYSICAL DATA

<b>BOILING POINT (deg. F)</b>	360	<b>SPECIFIC GRAVITY (H2O = 1)</b>	1.5
<b>VAPOR PRESSURE (mm. Hg.)</b>	not determined	<b>PERCENT VOLATILE BY VOLUME (%)</b>	0
<b>VAPOR DENSITY (AIR = 1)</b>	not determined	<b>EVAPORATION RATE ( =1)</b>	N/A
<b>SOLUBILITY IN WATER</b>	negligible	<b>PH</b>	N/A
<b>APPEARANCE AND ODOR</b> Medium viscosity black liquid.			

### SECTION IV – FIRE AND EXPLOSION DATA

<b>FLASH POINT (Method Used)</b> 200+ degrees F	<b>FLAMMABLE LIMITS</b> SETA FLASH	<b>Lel</b>	<b>Uel</b>
		N/A	N/A
<b>EXTINGUISHING MEDIA</b> Foam, Alcohol Foam, Carbon Dioxide, Dry Chemical			
<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)

## SECTION V – HEALTH HAZARD DATA

<b>THRESHOLD LIMIT VALUE</b> not established	<b>PRIMARY ROUTES OF ENTRY</b> Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (Specify) <input type="checkbox"/>
<b>EFFECTS OF OVEREXPOSURE</b> Eyes - severe irritation, burns. Skin - chemical burns. Inhalation - high vapor concentrations can cause severe irritation to eyes, nose, throat, and respiratory tract. Ingestion - liquid can cause severe damage to mucous membranes if swallowed.	
<b>EMERGENCY AND FIRST AID PROCEDURE</b> Eyes - flush with copious amounts of water lifting lids and removing contact lenses to ensure complete irrigation - get medical attention. Skin - wash with soap and water, launder contaminated clothing before reuse - get medical attention immediately. Inhalation - remove to fresh air and assist breathing as necessary - get medical attention. Ingestion - if conscious give water or milk to dilute - get medical attention.	
<b>MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE</b> Persons with pre-existing respiratory or allergic conditions.	
Carcinogen: <input type="checkbox"/> NTP <input type="checkbox"/> IARC <input type="checkbox"/> OTHER <input type="checkbox"/> No	

## SECTION VI – REACTIVITY DATA

<b>STABILITY</b>	<b>UNSTABLE</b>		<b>CONDITIONS TO AVOID</b> Excessive heat and open flames.
	<b>STABLE</b>	X	
<b>INCOMPATIBILITY (Conditions to avoid)</b> Strong Oxidizers, reactive resins, Mineral Acids.			
<b>HAZARDOUS DECOMPOSITION PRODUCTS</b> Oxides of Carbon and Nitrogen			
<b>HAZARDOUS POLYMERIZATION</b>	<b>MAY OCCUR</b>		<b>CONDITIONS TO AVOID</b> None
	<b>WILL NOT OCCUR</b>	X	

## SECTION VII – SPILL OR LEAK PROCEDURES

<b>STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED</b> Use absorbent material to soak up spill. Shovel or sweep into container for disposal. Clean spill area with detergent solution.
<b>WASTE DISPOSAL METHOD</b> In accordance with all local, state, and federal hazardous chemical disposal regulations.

## SECTION VIII – SPECIAL PROTECTION INFORMATION

<b>SPECIAL RESPIRATORY PROTECTION (Specify type)</b> Use NIOSH approved respirator as required to prevent overexposure to vapors in accordance with 29 CFR 1910.134.			
<b>VENTILATION</b>	<b>LOCAL EXHAUST</b> If vapors become bothersome.	<b>SPECIAL</b> N/A	
	<b>MECHANICAL (General)</b> If vapors become bothersome.	<b>OTHER</b> N/A	
<b>PROTECTIVE GLOVES</b> Impervious	<b>EYE PROTECTION</b> Chemical Goggles		
<b>OTHER PROTECTIVE EQUIPMENT</b> Eyewash and safety shower.			
<b>SECTION IX – SPECIAL PRECAUTIONS</b>			
<b>PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING</b> Avoid contact - wear protective clothing and wash thoroughly after using. Contaminated leather articles cannot be cleaned and must be discarded.			
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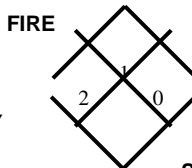
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SPECIAL

<b>NAME</b>
<b>SIGNATURE</b>
<b>TITLE</b>
<b>PREPARATION DATE</b> December 1, 2009
<b>PHONE NUMBER</b> <b>CHEMTREC 800-424-9300</b>
<b>PAGE TWO:</b> FLEXIBLE JOINT SEALER (PART B)