

EpoxyMaster®

MATERIAL SAFETY DATA SHEET

MFG.CODE # EM-FJS

SECTION I

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

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

SECTION IV – FIRE AND EXPLOSION DATA

FLASH POINT (Method Used) 200+ degrees F	SETA FLASH	FLAMMABLE LIMITS	Lel	Uel
			N/A	N/A
EXTINGUISHING MEDIA Foam, Alcohol Foam, Carbon Dioxide, Dry Chemical, Water Fog				
SPECIAL FIRE FIGHTING PROCEDURES Fire fighters should wear full protective clothing including self-contained respiratory equipment operated in a positive mode.				
UNUSUAL FIRE AND EXPLOSION HAZARDS None				

(Continued on Reverse Side)

SECTION V - HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE not established	PRIMARY ROUTES OF ENTRY Inhalation ___ Skin Contact <u>X</u> Other (Specify) ___
EFFECTS OF OVEREXPOSURE 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.	
EMERGENCY AND FIRST AID PROCEDURE 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.	
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE Persons with pre-existing respiratory or allergic reactions.	
Carcinogen: No NTP ___ IARC ___ OTHER ___	

SECTION VI - REACTIVITY DATA

STABILITY	UNSTABLE STABLE		CONDITIONS TO AVOID Excessive heat and open flames.
		X	
INCOMPATIBILITY (Conditions to avoid) Strong Oxidizers, Lewis or Mineral acids			
HAZARDOUS DECOMPOSITION PRODUCTS Oxides of Carbon, Aldehydes, Acids			
HAZARDOUS POLYMERIZATION	MAY OCCUR WILL NOT OCCUR		CONDITIONS TO AVOID None
		X	

SECTION VII - SPILL OR LEAK PROCEDURES

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

SECTION VIII - SPECIAL PROTECTION INFORMATION

SPECIAL RESPIRATORY PROTECTION (Specify type) Use NIOSH approved respirator as required to prevent overexposure to vapor in accordance with 29 CFR 1910.134.					
VENTILATION	<table border="0"> <tr> <td>LOCAL EXHAUST May be necessary to remove heated vapors.</td> <td>SPECIAL N/A</td> </tr> <tr> <td>MECHANICAL (General) Usually sufficient to control vapors and exposure hazards.</td> <td>OTHER N/A</td> </tr> </table>	LOCAL EXHAUST May be necessary to remove heated vapors.	SPECIAL N/A	MECHANICAL (General) Usually sufficient to control vapors and exposure hazards.	OTHER N/A
LOCAL EXHAUST May be necessary to remove heated vapors.	SPECIAL N/A				
MECHANICAL (General) Usually sufficient to control vapors and exposure hazards.	OTHER N/A				
PROTECTIVE GLOVES Impervious	EYE PROTECTION Chemical Goggles				
OTHER PROTECTIVE EQUIPMENT Eyewash and safety shower.					

SECTION IX - SPECIAL PRECAUTIONS

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

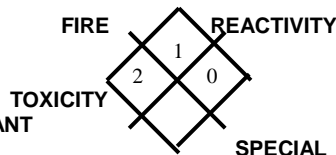
HMIS SYMBOL

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



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

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ADDRESS (Street, City, State and Zip Code) 755 W. Big Beaver Rd., Suite 2020 Troy, MI 48084-4726			
CHEMICAL NAME AND SYNONYMS N/A		TRADE NAME AND SYNONYMS FLEXIBLE JOINT SEALER (PART B)	
CHEMICAL FAMILY N/A		FORMULA 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

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

SECTION IV – FIRE AND EXPLOSION DATA

FLASH POINT (Method Used) 200+ degrees F	FLAMMABLE LIMITS SETA FLASH	Lel	Uel
		N/A	N/A
EXTINGUISHING MEDIA Foam, Alcohol Foam, Carbon Dioxide, Dry Chemical			
SPECIAL FIRE FIGHTING PROCEDURES Fire fighters should wear full protective clothing including self-contained respiratory equipment operated in a positive mode.			
UNUSUAL FIRE AND EXPLOSION HAZARDS None			

(Continued on Reverse Side)

SECTION V – HEALTH HAZARD DATA

THRESHOLD LIMIT VALUE not established		PRIMARY ROUTES OF ENTRY Inhalation <input type="checkbox"/> Skin Contact <input checked="" type="checkbox"/> Other (Specify) <input type="checkbox"/>		
EFFECTS OF OVEREXPOSURE 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.				
EMERGENCY AND FIRST AID PROCEDURE 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.				
MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE 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

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

SECTION VII – SPILL OR LEAK PROCEDURES

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

SECTION VIII – SPECIAL PROTECTION INFORMATION

SPECIAL RESPIRATORY PROTECTION (Specify type) Use NIOSH approved respirator as required to prevent overexposure to vapors in accordance with 29 CFR 1910.134.		
VENTILATION	LOCAL EXHAUST If vapors become bothersome.	SPECIAL N/A
	MECHANICAL (General) If vapors become bothersome.	OTHER N/A
PROTECTIVE GLOVES Impervious	EYE PROTECTION Chemical Goggles	
OTHER PROTECTIVE EQUIPMENT Eyewash and safety shower.		
SECTION IX – SPECIAL PRECAUTIONS		
PRECAUTIONS TO BE TAKEN IN HANDLING AND STORING Avoid contact - wear protective clothing and wash thoroughly after using. Contaminated leather articles cannot be cleaned and must be discarded.		
OTHER PRECAUTIONS Avoid inhalation of vapors especially if heated - use only with adequate ventilation. Do not take internally. Keep Out of Reach of Children		

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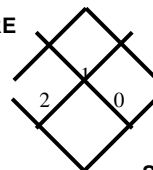
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FLAMMABILITY	1
REACTIVITY	0

HMS NFPA

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

NFPA SYMBOL

FIRE



SPECIAL

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SIGNATURE
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