



Concrete Protection & Repair Products, Inc.  
1315 West Lark Industrial Park Drive  
Saint Louis, Missouri 63026

## MATERIAL SAFETY DATA SHEET

Prepared April 2011      Complies with OSHA Hazard Communication Standard 29 CFR 1910.1200

### SECTION 1: PRODUCT INFORMATION

PRODUCT NAME: **#1001 INJECTION EPOXY**

PRODUCT NUMBER: **#1001, PART A**

PRODUCT CLASS: **EPOXY RESIN LIQUID**

### SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	PEL/TLV-TWA	STEL-TWA
<b>BISPHENOL A EPOXY RESIN</b>	<b>25068-38-6</b>	<b>NE</b>	<b>NE</b>

### SECTION 3: PHYSICAL DATA

BOILING RANGE: **280 deg. F**      VAPOR DENSITY: **NA**      EVAPORATION RATE: **NA**  
VOLATILE BY VOLUME: **0%**      SPECIFIC GRAVITY: **1.16**

### SECTION 4: FIRE AND EXPLOSION DATA

UPPER/LOWER FLAMMABILITY LIMITS: **NA**      FLASH POINT: **> 200 deg. F**

UNUSUAL FIRE HAZARDS: **NONE KNOWN**

FIREFIGHTING PROCEDURE: **WEAR FULL-FACE SELF-CONTAINED BREATHING APPARATUS. USE WATER FOG NOZZLES TO COOL CLOSED CONTAINERS**

EXTINGUISHING MEDIA: **FOAM CO2, DRY CHEMICAL, FOG**

### SECTION 5: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE	-----	EMERGENCY FIRST AID PROCEDURES
<b>EYES:</b> Irritation, possible cornea damage	-----	Flush eyes with water 15 minutes. Seek medical attention
<b>SKIN:</b> Irritation, possible chemical burn	-----	Remove contaminated clothing. Wash affected area with soap and water
<b>INHALATION:</b> Can damage nasal passages, nervous system, lungs	-----	Move to fresh air. Seek medical attention if necessary
<b>INGESTION:</b> Burns to mouth/throat/stomach	-----	Induce vomiting. Seek immediate medical attention

## SECTION 6: REACTIVITY DATA

STABILITY: **STABLE**

CONDITIONS TO AVOID: **HEAT AND WARM STORAGE**

HAZARDOUS DECOMPOSITION PRODUCTS: **CO<sub>2</sub>, CO, SMOKE**

HAZARDOUS POLYMERIZATION: **WILL NOT OCCUR**

INCOMPATIBILITY: **OXIDIZERS, ACIDS, BASES, EPOXY HARDENERS**

## SECTION 7: SPILL OR LEAK PROCEDURE

STEPS TO BE TAKEN IF MATERIAL IS RELEASED OR SPILLED: **ADD SAND TO MATERIAL AND ABSORB. DISCARD INTO PROPER WASTE CONTAINER. PREVENT MATERIAL FROM ENTERING WATERWAYS**

WASTE DISPOSAL METHOD: **MATERIAL MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS.**

## SECTION 8: SAFE HANDLING & USE INFORMATION

RESPIRATORY PROTECTION: **IF TLV OF PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR-SUPPLIED RESPIRATOR IS ADVISED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL**

VENTILATION: **PROVIDE SUFFICIENT MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV**

PROTECTIVE CLOTHING: **IMPERVIOUS GOGGLES, GLOVES AND CLOTHING PREVENT EYE AND SKIN CONTACT**

HYGIENIC PRACTICES: **WASH WITH SOAP AND WATER AFTER USE BEFORE EATING OR SMOKING**

## SECTION 9: SPECIAL PRECAUTIONS

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE: **PROTECT FROM PHYSICAL DAMAGE. STORE IN DRY AREA. KEEP CONTAINERS TIGHTLY CLOSED. EMPTIED CONTAINERS RETAIN PRODUCT RESIDUES - ALL HAZARD PRECAUTIONS GIVEN IN DATA SHEET MUST BE OBSERVED. STORE BELOW 120 deg. F**

OTHER PRECAUTIONS: **KEEP FROM FREEZING. FROZEN MATERIAL MAY EXPAND AND CAUSE RUPTURE OF CONTAINER**

HAZARD RATINGS:

**HEALTH = 2**

**FLAMMABILITY = 1**

**REACTIVITY = 0**

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### SECTION 1: PRODUCT INFORMATION

PRODUCT NAME: **#1001 INJECTION EPOXY**

PRODUCT NUMBER: **#1001, PART B**

PRODUCT CLASS: **AMIDOAMINE RESIN MIXTURE**

### SECTION 2: HAZARDOUS INGREDIENTS

INGREDIENT	CAS NUMBER	PEL/TVA-TWA	STEL-TWA
<b>FATTY AMIDOAMINE RESIN MIXTURE</b>	<b>TRADE SECRET</b>	<b>NE</b>	<b>NE</b>
<b>MODIFIED ALIPHATIC POLYAMINE</b>	<b>TRADE SECRET</b>	<b>NE</b>	<b>NE</b>

### SECTION 3: PHYSICAL DATA

BOILING RANGE: **335 deg. F**      VAPOR DENSITY: **NA**      EVAPORATION RATE: **NA**  
VOLATILE BY VOLUME: **0%**      SPECIFIC GRAVITY: **1.04**

### SECTION 4: FIRE AND EXPLOSION DATA

UPPER/LOWER FLAMMABILITY LIMITS: **NA**      FLASH POINT: **< 200 deg. F**

EXTINGUISHING MEDIA: **FOAM, CO2, DRY CHEMICAL, FOG**

FIREFIGHTING PROCEDURE: **FIREFIGHTING PROCEDURE: WEAR FULL-FACE SELF-CONTAINED BREATHING APPARATUS AND USE WATER FOG NOZZLES TO COOL CLOSED CONTAINERS**

UNUSUAL FIRE HAZARDS: **MAY PRODUCE HAZARDOUS FUMES OR HAZARDOUS DECOMPOSITION PRODUCTS**

### SECTION 5: HEALTH HAZARD DATA

EFFECTS OF OVEREXPOSURE	-----	EMERGENCY FIRST AID PROCEDURES
<b>EYES:</b> Irritation or burning	-----	Flush with water 15 minutes. Seek medical attention
<b>SKIN:</b> Irritation upon prolonged or repeated exposure	-----	Remove contaminated clothing. Wash affected area with soap and water
<b>INHALATION:</b> Irritation of upper respiratory tract	-----	Move to fresh air. Seek medical attention if necessary
<b>INGESTION :</b> Burns to mouth/throat/stomach	-----	Induce vomiting and seek immediate medical attention

## SECTION 6: REACTIVITY DATA

STABILITY: **STABLE**                      CONDITIONS TO AVOID: **HEAT AND WARM STORAGE**

HAZARDOUS DECOMPOSITION PRODUCTS: **NONE KNOWN**

HAZARDOUS POLYMERIZATION: **WILL NOT OCCUR**

INCOMPATIBILITY: **OXIDIZERS**

## SECTION 7: SPILL OR LEAK PROCEDURE

STEPS TO TAKE IF MATERIAL IS RELEASED OR SPILLED: **VENTILATE AREA. ABSORB SPILL WITH SUITABLE ABSORBANT MATERIAL AND PLACE IN CLOSED CONTAINER. PREVENT MATERIAL FROM ENTERING WATERWAYS.**

WASTE DISPOSAL METHOD: **MATERIAL MAY BE DEPOSITED IN A LANDFILL IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL REGULATIONS**

## SECTION 8: SAFE HANDLING & USE INFORMATION

RESPIRATORY PROTECTION: **IF TLV OF PRODUCT OR ANY COMPONENT IS EXCEEDED, A NIOSH/MSHA JOINTLY APPROVED AIR-SUPPLIED RESPIRATOR IS ADVISED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROL**

VENTILATION: **PROVIDE SUFFICIENT MECHANICAL VENTILATION TO MAINTAIN EXPOSURE BELOW TLV**

PROTECTIVE CLOTHING: **IMPERVIOUS GOGGLES, GLOVES, AND CLOTHING PREVENT EYE AND SKIN CONTACT**

HYGIENIC PRACTICES: **WASH WITH SOAP AND WATER AFTER USE AND BEFORE EATING OR SMOKING**

## SECTION 9: SPECIAL PRECAUTIONS

HANDLING: **AVOID VAPOR, FUMES, AND SKIN/EYE CONTACT WITH MATERIAL. SOLVENTS SHOULD NOT BE USED TO CLEAN SKIN. REMOVE AND WASH CONTAMINATED CLOTHING IMMEDIATELY.**

STORAGE: **KEEP CONTAINER CLOSED WHEN NOT IN USE. AVOID PROLONGED EXPOSURE TO LIGHT. STORE AT TEMPERATURES BELOW 120 deg F.**

HAZARD RATINGS: **HEALTH = 3                      FLAMMABILITY = 1                      REACTIVITY = 0                      OTHER: CORROSIVE**

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