SAFETY DATA SHEET

#32-930 EPOXY PRIMER KIT - PART A & PART B

NOTE: This is a two-part system. Part B SDS begins on page 5.

1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Epoxy Primer Kit - Part A
PART #: 32-930

MANUFACTURER: Bon Tool Co.
DBA BonWay
4430 Gibsonia Rd.
Gibsonia, PA 15044

INFORMATION PHONE: 724-443-7080
EMERGENCY PHONE: ChemTel - 1-800-255-3924 (24 hours)
FAX PHONE: 724-443-7090

DATE REVISED: 4/15/15

Chemical Name or Class: Amine mixture

2. HAZARDS IDENTIFICATION

GHS Classification: Skin corrosion/irritation category 2, Serious eye irritation category 1, Specific target organ toxicity – single exposure category 3 Acute hazard to aquatic environment category 3

GHS Label Elements and Precautionary Statements:
Label Elements: Corrosion, Exclamation Mark
Hazard Statements:
Warning: Causes skin irritation
Danger: Causes serious eye damage
Warning: May cause drowsiness or dizziness
Harmful to aquatic life
Precautionary statements:
P102 Keep out of reach of children.
P103 Read label before use
P261 Avoid breathing dust/fume/gas/mist/vapours/spray
P271 Use only outdoors or in a well-ventilated area.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P310 If inhaled: Remove victim to fresh air and keep at rest in a position comfortable for breathing.
P312 Call a Poison Center or doctor/physician if you feel unwell.
P312 Call a Poison Center or doctor/physician if you feel unwell.
P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P333 + P313 If skin irritated: Take off contaminated clothing and wash it before reuse.
P333 + P313 If skin irritated: Take off contaminated clothing and wash it before reuse.
P362 + P364 Take off contaminated clothing and wash it before reuse.
P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.
P362 + P364 Take off contaminated clothing and wash it before reuse.

Hazard Overview

Potential health effects

Eyes:
THIS MATERIAL CAN CAUSE EYE IRRITATION OR REDNESS. HIGH VAPOR CONCENTRATIONS CAN CAUSE SEvere irritation TO THE EYES.

Skin:
IRRITATION TO THE SKIN CAN OCCUR BUT DERMAL TOXICITY IS LOW.

Ingestion:
INGESTION OF MATERIAL CAN CAUSE NAUSEA OR OTHER SIMILAR RESPONSES.

Inhalation:
HIGH CONCENTRATIONS OF VAPOR CAN CAUSE IRRITATION TO THE RESPIRATORY TRACT, NAUSEA, AND DIZZINESS.

Health hazards (acute and chronic):
PROLONGED OR REPEATED EXPOSURE MAY CAUSE ASTHMA AND SKIN SENSITIZATION OR OTHER ALLERGIC RESPONSES.

Medical conditions generally aggravated by exposure:
RESPIRATORY CONDITIONS OR OTHER ALLERGIC AILMENTS

Carcinogenicity

OSHA: NO
NTP: NO
IARC: NO

Additional Carcinogenicity Information:
Component Acetic Acid: Chronic effects on humans – Mutagenetic for mammalian somatic cells. Mutagenic for bacteria and yeast.
Component CAS# 107-98-2: Has been reported to be toxic to fetus in laboratory animals. Component CAS# 8052-41-3: Epidemiology: Studies involving petroleum refinery workers indicate that persons with routine exposure to petroleum based constituents may be at an increased risk to the development of benign neoplasms, digestive tract cancer and skin cancer.
### 3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NO.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>STEL</th>
<th>OSHA</th>
<th>WEIGHT %</th>
</tr>
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<tbody>
<tr>
<td>1,2 Ethane Diamine, N-(2-Amino Ethyl)</td>
<td>111-46-6</td>
<td>1 ppm</td>
<td>1 ppm</td>
<td>STEL</td>
<td>&lt;1.0</td>
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<tr>
<td>Tetraethylene Pentamine</td>
<td>112-57-2</td>
<td>NONE</td>
<td>NONE</td>
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<tr>
<td>Ethylenediamine</td>
<td>107-15-3</td>
<td>10 ppm</td>
<td>10 ppm</td>
<td>10 ppm</td>
<td>&lt;1.0</td>
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<tr>
<td>Pentaethylene Hexamine</td>
<td>4067-16-7</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
<td>&lt;1.0</td>
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<tr>
<td>Polymer of polymerized linseed oil, petaethylene hexamine, DGEBA-epichlorohydrin copoly, form, DETA and PGE</td>
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<td>NONE</td>
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<tr>
<td>Water</td>
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<td>Propylene Glycol Monomethyl Ether</td>
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<td>150 ppm</td>
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<td>Glacial Acetic Acid</td>
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<td>15 ppm</td>
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<tr>
<td>Stoddard Solvent</td>
<td>8052-41-3</td>
<td>100ppm</td>
<td>100 ppm</td>
<td>NONE</td>
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<tr>
<td>2-Ethyl-1-Hexanol</td>
<td>104-76-7</td>
<td>NONE</td>
<td>NONE</td>
<td>NONE</td>
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<td>*GLYCOL ETHER 2-BUTOXYETHANOL</td>
<td>111-76-2</td>
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<td>Propylene glycol</td>
<td>57-55-6</td>
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<td>NONE</td>
<td>NONE</td>
<td>0.1-1</td>
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<tr>
<td>Propylene Glycol Monomethyl Ether</td>
<td>107-98-2</td>
<td>100PPM</td>
<td>100PPM</td>
<td>150PPM</td>
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<td>1-Methoxy-2-Propanol Acetate</td>
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<td>NONE</td>
<td>NONE</td>
<td>0.1-1</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 3 NOTES: *Indicates toxic chemical(s) subject to reporting requirements of section 313 of Title III and of 40 CFR 372.

**Note:** Ingredients listed without percentages, the percentages are considered a trade secret.

### 4. FIRST AID MEASURES

**EYES:**
Immediately flush with large amounts of water for at least 15 minutes while lifting upper and lower lids. Get immediate medical assistance.

**SKIN:**
Flush skin with water for at least 15 minutes and remove all contaminated clothing immediately. Get medical attention if reddening or swelling occurs.

**INGESTION:**
Do not induce vomiting. Dilute by giving water or milk to drink if victim is conscious. Get medical attention immediately.

**INHALATION:**
Remove to fresh air if effects persist and administer oxygen if necessary.

**NOTES TO PHYSICIANS OR FIRST AID PROVIDERS:**

### 5. FIRE FIGHTING MEASURES

**FLAMMABLE LIMITS IN AIR,**

<table>
<thead>
<tr>
<th>UPPPER:</th>
<th>LOWER:</th>
</tr>
</thead>
<tbody>
<tr>
<td>N/A</td>
<td>N/A</td>
</tr>
</tbody>
</table>

**FLASH POINT:** 200°F

**METHOD USED:**
SETA FLASH

**EXTINGUISHING MEDIA:**
FOAM, ALCOHOL FOAM, CO2, WATER FOG

**SPECIAL FIRE FIGHTING PROCEDURES:**
Toxic fumes will be evolved when this material is involved in a fire. A self-contained breathing apparatus should be available for fire fighters. Cool fire exposed containers with water. Unusual fire and explosion hazards: None known.

### 6. ACCIDENTAL RELEASE MEASURES

**STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:**
Avoid contact with material. Wear the appropriate safety equipment. Stop spill at source, dyke area to prevent spreading. Pump liquid to salvage tank. Take up remainder with clay or other absorbant and place in disposal containers.

### 7. HANDLING AND STORAGE

**PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:**
Avoid all skin contact. Avoid breathing vapors. Reseal partially used containers. Properly label all containers. Wash with soap and water before eating, drinking, smoking or using toilet facilities. Observe conditions of good industrial hygiene and safe working practices.

**OTHER PRECAUTIONS:**
Mixed materials contain the hazards of all the components, therefore, read the MSDS of all components to become familiar with all hazards prior to using this product.
8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:
NIOSH APPROVED RESPIRATOR PROTECTION REQUIRED IN THE ABSENCE OF PROPER ENVIRONMENTAL CONTROLS.
VENTILATION:
AVOID BREATHING VAPORS, VENTILATION MUST BE SUFFICIENT TO CONTROL VAPORS.
PROTECTIVE GLOVES:
IMPERVIOUS GLOVES, NEOPRENE OR RUBBER.
EYE PROTECTION:
SPRAY PROOF GOGGLES OR SAFETY GLASSES WITH SIDE SHIELDS.
OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
CLEAN BODY COVERING CLOTHING AS WELL AS APRON FOOTWEAR OR OTHER EQUIPMENT SHOULD BE USED AS DEEMED NECESSARY TO AVOID CONTACT WITH THE MATERIAL.
WORK HYGIENIC PRACTICES:
OBSERVE GENERAL GOOD HYGIENIC PRACTICES.
SEE SECTION THREE FOR OCCUPATIONAL EXPOSURE LIMIT VALUES.

9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR:  LOW VISCOSITY LIQUID – amber clear
BOILING POINT OR RANGE ° F:  212
VAPOR DENSITY (AIR = 1):  N/A
SPECIFIC GRAVITY (H2O = 1):  1.0
EVAPORATION RATE:  N/A
SOLUBILITY IN WATER:  EMULSIFIABLE

Odor Threshold: N/A
pH: N/A
Melting point/freezing point: N/A
Vapor Pressure: N/A
Auto Ignition Temperature: N/A
Partition Coefficient: n-octanol/water: N/A
Decomposition Temperature: N/A

10. STABILITY AND REACTIVITY

STABILITY:
STABLE

CONDITIONS TO AVOID (STABILITY):
AVOID CONTACT WITH OPEN FLAMES AND ALL SOURCES OF IGNITIONS AND SPARKS.

INCOMPATIBILITY (MATERIAL TO AVOID):
AVOID CONTACT WITH STRONG OXIDIZING AGENTS, MINERAL ACIDS AND EPOXY RESINS IN UNCONTROLLED AMOUNTS. HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:
CO, CO2, NOX
HAZARDOUS POLYMERIZATION:
WILL NOT OCCUR

11. TOXICOLOGICAL INFORMATION

No data for the product itself.
Component data:
Component CAS# 57-55-6: Ingestion LD50 = 20000 mg/kg
Component CAS# 107-98-2: Ingestion LD50 >5900 mg/kg
Component CAS# 108-65-6: ingestion LD50 = 8532
Component CAS# 8052-41-3: Draize test (rabbit) eye: 500 mg/24hr – Moderate. Epidemiology: Studies involving petroleum refinery workers indicate that persons with routine exposure to petroleum based constituents may be at an increased risk to the development of benign neoplasms, digestive tract cancer and skin cancer.
Component CAS# 111-40-0: Inhalation: LD50 (4hr) <0.3 mg/l (rat); Skin: LD50 >5000 mg/kg (rabbit) Ingestion: LD50 2960 mg/kg (rat). Severe Eye irritation, Moderate skin irritation, May cause sensitization by skin contact.
Component Acetic Acid: Absorbed through the skin. Estimated 4 hr exposure Oral LD50 3310 mg/kg (rat), Estimated Dermal LD50 1060 mg/kg (rabbit), Vapor LC50 5620 mouse). Chronic effects on humans – Mutagenetic for mammalian somatic cells. Mutagenic for bacteria and yeast. May cause damage to kidneys, mucous membranes, skin, teeth. Corrosive by inhalation or skin contact, corrosive to eyes.
Component CAS# 107-98-2: Ingestion LD50 rat 4016 mg/kg, Dermal LD50 rabbit >2000 mg/kg, Inhalation LC50 6 hr Vapor, rat >25.8 mg/l. May cause eye or skin irritation. May effect Kidney or liver. Has been reported to be toxic to fetus in laboratory animals.
Component CAS# 112-57-2: Toxicological Data on Ingredients: Tetraethylenepentamine: ORAL (LD50): Acute: 3990 mg/kg [Rat]. DERMAL (LD50): Acute: 0.66 mg/kg [Rabbit]. Very hazardous in case of skin contact (irritant), of ingestion. Hazardous in case of skin contact (corrosive, sensitizer, permeator), of eye contact (corrosive), of inhalation (lung corrosive).
12. ECOLOGICAL INFORMATION

No data for the product itself.

Component data:
Component Acetic Acid: Ecotoxicity in water (LC50) 423 mg/l 24 hours [Fish (goldfish)], 88 ppm 96 hours [Fish (fathead minnow)], 75 ppm 96 hours [Fish (bluegill sunfish)] >100 ppm 96 hours [Daphnia]. BOD-5: 0.34-0.88 g/oxygen/g
Component CAS@ 107-98-2: Bioconcentration potential is low (BCF less than 100). Potential for mobility in soil is high (KOC between 0 and 50). Material is readily biodegradable and is practically non-toxic to aquatic organisms on an acute basis (LC50/EC50/EL50/LL50 >100 mg/l in the most sensitive species tested. LC50 fathead minnow 96 hr 20800 mg/l, LC50 water flea 48 hr lethally 23300 mg/l, EbC50 green algae biomass growth inhibition 7 d >1000 mg/l. Toxicity to microorganisms IC50 activated sludge > 1000 mg/l
Component CAS® 112-57-2: The products of degradation are less toxic than the product itself.

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL

14. TRANSPORT INFORMATION

DOT: Not Regulated IMO/
IMDG: Not Regulated

15. REGULATORY INFORMATION

No data for the product itself.

Component data:
Component CAS# 57-55-6: Listed on TSCA and DSL
Component CAS# 107-98-2: Listed on TSCA and DSL
Component CAS# 108-65-6: Listed on TSCA and DSL
Component CAS® 111-76-2: Section 317 toxic Chemical. Section 311 hazard category – Chronic effects on humans – Mutagenetic for mammalian somatic cells. Mutagenic for bacteria and
Component Acetic Acid: Absorbed through the skin. Estimated 4 hr exposure Oral LD50 3310 mg/kg (rat), Estimated Dermal LD50 1060 mg/kg (rabbit).
Component CAS® 107-98-2: on the PA right to know list. Product is on the TSCA list and DSL Canada
Component CAS® 112-57-2: is on Pennsylvania RTK-Massachusetts RTK: New Jersey: Harmful in contact with skin and if swallowed. Causes burns. May cause sensitization by skin contact.

16. OTHER INFORMATION

DISCLAIMER: THE INFORMATION CONTAINED HEREIN IS BASED ON THE DATA AVAILABLE AND IS BELIEVED TO BE ACCURATE, HOWEVER, THE MANUFACTURER MAKES NO WARRANTY EXPRESSED OR IMPLIED REGARDING THE ACCURACY OF THIS DATA OR THE RESULTS OBTAINED FROM THE USE THEREOF. ACCORDINGLY, WE ASSUME NO RESPONSIBILITY FOR INJURY FROM THE USE OF THIS PRODUCT.

N/A = Not Available
See Section 1 for date of preparation
1. PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: Epoxy Primer Kit - Part B
PART #: 32-930

MANUFACTURER: Bon Tool Co.
DBA BonWay
4430 Gibsonia Rd.
Gibsonia, PA 15044

INFORMATION PHONE: 724-443-7080
EMERGENCY PHONE: ChemTel - 1-800-255-3924 (24 hours)
FAX PHONE: 724-443-7090

DATE REVISED: 4/15/15

Chemical Name or Class: Epoxy mixture

2. HAZARDS IDENTIFICATION

GHS Classification: Serious eye damage/Eye irritation category 2A, Skin irritation category 2, skin sensitizer category 1, Long term hazards to aquatic environment Category 2

GHS Label Elements and Precautionary Statements:
Label Elements: Exclamation Mark, Aquatic Toxicity

Hazard Statements:
Warning: Causes serious eye irritation.
Warning: Causes skin irritation
Warning: May cause an allergic skin reaction
Toxic to aquatic life with long lasting effects

Precautionary statements:
P102 Keep out of reach of children.
P103 Read label before use
P264 Wash hands thoroughly after handling.
P280 Wear protective gloves/protective clothing/eye protection/face protection.
P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P272 Contaminated work clothing should not be allowed out of the workplace.
P273 Avoid release to the environment.

Response
P302 + P352 IF ON SKIN: wash with plenty of soap and water.
P333 + P313 IF SKIN irritation or rash occurs: Get medical advice/attention.
P362 + P364 take off contaminated clothing and wash it before reuse.
P305 + P351 + P338 If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
P337 + P313 IF eye irritation persists: Get medical advice/attention.
P391 Collect spillage.
P501 Dispose of contents/container to a waste disposal facility in accordance with local, state, federal or international laws

HMIS HAZARD CLASSIFICATION
HEALTH: 2 FLAMMABILITY: 1 REACTIVITY: 0 PERSONAL PROTECTIVE EQUIPMENT: B

POTENTIAL HEALTH EFFECTS
EYES: MAY CAUSE IRRITATION BUT NO CORNEAL INJURY IS LIKELY.
SKIN: MAY CAUSE IRRITATION OR ALLERGIC SKIN RESPONSE.
INGESTION:
THIS MATERIAL HAS A PROBABLE LOW ACUTE ORAL TOXICITY.
INHALATION:
NO GUIDE FOR CONTROL KNOWN, HOWEVER, EXPOSURE TO HEATED VAPORS CAN CAUSE IRRITATION TO THE NOSE, THROAT OR MUCOUS MEMBRANES.
HEALTH HAZARDS (ACUTE AND CHRONIC):
EPOXY RESINS CAN CAUSE SENSITIZATION BY EXPOSURE THROUGH CONTACT OR HIGH CONCENTRATIONS OF VAPOR.
EYES: INJURY IS UNLIKELY BUT STAIN FOR EVIDENCE OF CORNEAL INJURY.
MEDICAL CONDITIONS GENERALLY AGGRAVATED BY EXPOSURE:
RESPIRATORY INGREDIENTS OF THIS PRODUCT ARE REGULATED AS CARCINOGENS.
CARCINOGENICITY
OSHA: NO NTP: NO IARC: NO
ADDITIONAL CARCINOGENICITY INFORMATION:
3. COMPOSITION/INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>INGREDIENT</th>
<th>CAS NO.</th>
<th>OSHA PEL</th>
<th>ACGIH TLV</th>
<th>OSHA STEL</th>
<th>WEIGHT %</th>
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<tbody>
<tr>
<td>MODIFIED DIGLYCIDYL ETHER OF BISPHENOL A</td>
<td>25068-38-6</td>
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<td>NONE</td>
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<td>60-100</td>
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<tr>
<td>ALKYL GLYCIDYL ETHER</td>
<td>68609-97-2</td>
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<td>NONE</td>
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</table>

SECTION 3 NOTES:
***No toxic chemical(s) subject to the reporting requirements of section 313 Title III and of 40 CFR 372 are present.***

Note: Ingredients listed without percentages, the percentages are considered a trade secret.

4. FIRST AID MEASURES

EYES:
FLUSH EYES WITH WATER FOR AT LEAST FIFTEEN MINUTES AND CONSULT A PHYSICIAN.

SKIN:
SKIN CONTACT WILL NORMALLY CAUSE NO MORE THAN IRRITATION BUT WASH AFFECTED AREA WITH SOAP AND WATER AND REMOVE CONTAMINATED CLOTHING PROMPTLY.

INGESTION:
LOW IN TOXICITY, INDUCE VOMITING ONLY IF LARGE AMOUNTS OF MATERIAL ARE INGESTED, AND OTHERWISE DO NOT INDUCE VOMITING. IN EITHER CASE IMMEDIATELY CONSULT A PHYSICIAN.

INHALATION:
REMOVE VICTIM TO FRESH AIR AND ADMINISTER OXYGEN IF NECESSARY.

5. FIRE FIGHTING MEASURES

FLASH POINT: 200+F

METHOD USED:
SETA FLASH

EXTINGUISHING MEDIA:
FOAM, ALCOHOL FOAM, CO2, DRY CHEMICAL, WATER

FOG SPECIAL FIRE FIGHTING PROCEDURES:
DO NOT ENTER CONFINED FIRE AREA WITHOUT FULL BUNKER GEAR INCLUDING A POSITIVE PRESSURE NIOSH APPROVED SELF-CONTAINED BREATHING APPARATUS. COOL ALL FIRE EXPOSED CONTAINERS WITH WATER.

6. ACCIDENTAL RELEASE MEASURES

STEPS TO BE TAKEN IN CASE MATERIAL IS RELEASED OR SPILLED:
WEAR RESPIRATOR AND PROTECTIVE CLOTHING, SHUT OFF THE SOURCE AT THE LEAK. REMOVE EXCESS WITH VACUUM TRUCK AND TAKE UP THE REMAINDER WITH AN ABSORBENT SUCH AS CLAY AND PLACE IN DISPOSAL CONTAINERS. FLUSH AREA WITH WATER TO REMOVE RESIDUE.

7. HANDLING AND STORAGE

PRECAUTIONS TO BE TAKEN IN HANDLING AND STORAGE:
STORE IN A COOL, DRY PLACE. SEAL ALL PARTIALLY USED CONTAINERS. WASH WITH SOAP AND WATER BEFORE EATING, DRINKING, SMOKING OR USING TOILET FACILITIES. MIXED MATERIALS CONTAIN THE HAZARDS OF ALL THE COMPONENTS, THEREFORE, READ THE MSDS’S OF ALL THE COMPONENTS PRIOR TO USING MATERIAL. PROPERLY LABEL ALL CONTAINERS. OTHER PRECAUTIONS:
AVOID ALL SKIN CONTACT. AVOID BREATHING VAPORS GENERATED FROM THE MATERIAL. OBSERVE CONDITIONS OF GOOD GENERAL HYGIENE AND SAFE WORKING PRACTICES. CONTAMINATED LEATHER ARTICLES CAN NOT BE CLEANED AND MUST BE DISCARDED IF CONTAMINATED WITH THIS PRODUCT. WASH ALL CONTAMINATED CLOTHING PRIOR TO THE REUSE THEREOF.

8. EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION:
USE A NIOSH APPROVED RESPIRATOR AS REQUIRED TO PREVENT OVER EXPOSURE TO VAPOR IN ACCORDANCE WITH 29 CFR 1910.134. GENERAL EXHAUST IS USUALLY SUFFICIENT IN LIEU OF NIOSH RESPIRATOR.

VENTILATION:
GENERAL EXHAUST IS USUALLY SUFFICIENT TO CONTROL VAPORS AND EXPOSURE HAZARDS.

PROTECTIVE GLOVES:
IMPERVIOUS GLOVES – NEOPRENE OR RUBBER

EYE PROTECTION:
SPLASH GOGGLES OR GLASSES WITH SIDE SHIELDS.

OTHER PROTECTIVE CLOTHING OR EQUIPMENT:
WEAR BODY COVERING CLOTHING AND OTHER COVERINGS AS NECESSARY SUCH AS APRON AND APPROPRIATE FOOTWEAR TO AVOID CONTACT WITH MATERIAL.

WORK HYGIENIC PRACTICES:
OBSERVE GOOD GENERAL HYGIENIC PRACTICES.

SEE SECTION THREE FOR OCCPATIONAL EXPOSURE LIMIT VALUES.
9. PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE AND ODOR: LOW VISCOSITY LIQUID – AMBER CLEAR or COLORS
BOILING POINT OR RANGE:  200+ F
VAPOR DENSITY (AIR = 1): Not available
SPECIFIC GRAVITY (H2O = 1): 1.1
EVAPORATION RATE: not available
SOLUBILITY IN WATER: NEGLIGIBLE

Odor Threshold: N/A
pH: N/A
Melting point/freezing point: N/A
Vapor Pressure: N/A
Auto Ignition Temperature: N/A
Partition Coefficient: n-octanol/water: N/A
Decomposition Temperature: N/A

10. STABILITY AND REACTIVITY

STABILITY:
STABLE

CONDITIONS TO AVOID (STABILITY):
AVOID EXCESSIVE HEAT OR OPEN FLAMES

INCOMPATIBILITY (MATERIAL TO AVOID):
CAN REACT VIGOROUSLY WITH STRONG OXIDIZING AGENTS AND STRONG LEWIS ACIDS OR MINERAL ACIDS.
HAZARDOUS DECOMPOSITION OR BY-PRODUCTS:
CO2, ALDEHYDES, ACIDS. REACTION WITH SOME CURING AGENTS CAN GENERATE LARGE AMOUNTS OF HEAT.

HAZARDOUS POLYMERIZATION:

11. TOXICOLOGICAL INFORMATION

No data for the product itself.
Component data:
Component CAS# 25068-38-6: Moderate sensitizer, slight eye irritant, moderate skin irritant, Oral LD50 >5000 mg/kg (rat), Dermal LD50 >6000 mg/kg (rabbit)
Component CAS# 68609-97-2: possible sensitizer, eye and skin irritant, Oral LD50 >10000 mg/kg (rat), Inhalation LD50 – no microscopic changes

12. ECOLOGICAL INFORMATION

No data for the product itself.
Component data:
Component CAS# 25068-38-6: Biodegradability (Modified Sturm Method) 12%, Fish toxicity: Rainbow trout (96hr) LC50 1.5mg/l, Zebra Fish (96hr) LC50 2.4 mg/l, Invertebrate Toxicity: Daphnia Toxicity (24hr) EC 50 3.6 mg/l

13. DISPOSAL CONSIDERATIONS

WASTE DISPOSAL METHOD:
DISPOSE OF THE MATERIAL IN A WASTE DISPOSAL SITE IN ACCORDANCE WITH LOCAL, STATE, AND FEDERAL LAW.

14. TRANSPORT INFORMATION

DOT: Not Regulated

IMO/IMDG: UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCES, LIQUID, N.O.S. (CONTAINS Bisphenol A Diglycidyl Ether Polymer), 9, PGIII, MARINE POLLUTANT

15. REGULATORY INFORMATION

No data for the product itself.
Component data:
Component CAS# 25068-38-6: Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, WHMIS class D2B; Is on the New Jersey Right to Know list; is on the PA Right to Know List;
Component CAS# 68609-97-2: Considered a hazardous chemical; is on the TSCA list; is on the DSL Canada, Is on the New Jersey Right to Know list; is on the PA Right to Know List.
EPA SARA Title III Section 313 components above the de minimus level: none

16. OTHER INFORMATION

DISCLAIMER: The information Contained herein is based on the data available and is believed to be accurate, However, the manufacturer makes no warranty expressed or implied regarding the accuracy of this data or the results obtained from the use thereof. Accordingly, we assume no responsibility for injury from the use of this product.

N/A = Not Available
See Section 1 for date of preparation