SAFETY DATA SHEET (SDS)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Component A | 100% solids Epoxy
Other means of identification: None
Recommended use: Epoxy Resin
Manufactured by: CTM Adhesives Inc.
820 Grenache Street
Montréal, Qc H1J 1C5
CANADA
E-mail Address: www.ctmadhesives.com
Prepared by: The Health, Safety and Environmental Department of CTM Adhesives
Telephone number of preparer: 514-321-5540
Fax number: 514-321-5570
Emergency Telephone Number: 24-Hour Emergency Telephone Number Canada (CANUTEC): (613) 996-6666

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification of hazardous product
- Skin Sensitization (Category 1B)
- Skin Corrosion/irritation (Category 2)
- Serious eye damage/irritation (Category 2A)
- Acute Toxicity, Oral (Category 5)
- Hazardous to the aquatic environment - acute (Category 2)
- Hazardous to the aquatic environment - chronic (Category 2)

GHS Label Elements
Hazard Pictograms/symbols

Signal Word: WARNING

Hazard and Precautionary Statements:
H303 May be harmful if swallowed
H315 Causes skin irritation
H317 May cause an allergic skin reaction
H319 Causes serious eye irritation
H401 Toxic to aquatic life
H411 Toxic to aquatic life with long lasting effects

P261 Avoid breathing dust/fume/gas/mist/vapours/spray. P264 Wash with plenty of water and soap thoroughly after handling. P272 Contaminated work clothing should not be allowed out of the workplace. P280 Wear protective gloves/eye protection. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P337 + P313 If eye irritation persists: Get medical advice/attention. P302 + P352 IF ON SKIN: Wash with plenty of water. P333 + P313 If skin irritation or rash occurs: Get medical advice/attention. P312 IF SWALLOWED: Call a POISON Center/doctor/… if you feel unwell. P362 + P364 Take off contaminated clothing and wash before reuse. P273 Avoid release to the environment. P391 Collect spillage. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

Other Hazards Known: None known
GHS Special Labeling: EUH205 - “Contains epoxy constituents. See information supplied by the manufacture.”
SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Reaction product: bisphenol-A-(epichlorhydrin) epoxy resin</td>
<td>25085-99-8</td>
<td>60 - 100 %</td>
</tr>
<tr>
<td>alkyl glycidyl ether</td>
<td>68609-97-2</td>
<td>1 - 10 %</td>
</tr>
<tr>
<td>benzyl alcohol</td>
<td>100-51-6</td>
<td>1 - 10 %</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

Ingestion: IF SWALLOWED: Call a POISON Center/doctor/... if you feel unwell.
Skin Contact: IF ON SKIN: Wash with plenty of water. If skin irritation or rash occurs: Get medical advice/attention.
Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. If eye irritation persists: Get medical advice/attention

Most important symptoms and effects (acute and delayed):
Prolonged or repeated contact may cause skin irritation with local redness. May cause eye irritation. Corneal injury is unlikely. Has caused allergic skin reactions in humans.

Indication of any immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically.

General Information
If exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure the medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media: In case of fire: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO₂)
Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this might spread the fire.

Specific hazards arising from the hazardous product: During fire, smoke may contain the original material in addition to combustion products of varying composition which may be toxic and/or irritating.

Special protective equipment and precautions for fire-fighting: Wear positive-pressure self-contained breathing apparatus (SCBA) and protective fire-fighting clothing. Avoid contact with this material during fire-fighting operations. If contact is likely, change to full chemical resistant fire-fighting clothing with self-contained breathing apparatus.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Isolate area. Keep unnecessary and unprotected personnel away. Wear appropriate protective equipment and clothing during clean-up. Ensure adequate ventilation. Local authorities should be advised if significant spillage cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental Precautions
Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
SECTION 7. HANDLING AND STORAGE

Precautions for safe handling
Avoid prolonged or repeated contact with skin. Avoid contact with eyes, skin, and clothing. Wash thoroughly after handling. When using, do not eat, drink or smoke. Provide adequate ventilation. Wear appropriate personal protective equipment. Avoid use of electric band heaters. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Store in cool and dry, under well-ventilated conditions. Store away from incompatible materials (see Section 10 of the SDS). Keep container closed when not in use. Do not reuse empty container without commercial cleaning or reconditioning.

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters (biological limit values or exposure limit values and source of those values)
Exposure limits:

<table>
<thead>
<tr>
<th>CAS</th>
<th>For Workers: Acute - systemic effects</th>
<th>For Consumers: Acute - systemic effects</th>
<th>For Workers: Long-term - systemic effects</th>
<th>For Consumers: Long-term - systemic effects</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>Dermal 8.330 mg/kg bw/day</td>
<td>Dermal 3.571 mg/kg bw/day</td>
<td>Dermal 8.330 mg/kg bw/day</td>
<td>Dermal 3.571 mg/kg bw/day</td>
</tr>
<tr>
<td></td>
<td>Inhalation 12.25 mg/m³</td>
<td>Inhalation 0.75 mg/m³</td>
<td>Inhalation 12.25 mg/m³</td>
<td>Inhalation 0.75 mg/m³</td>
</tr>
</tbody>
</table>

CAS 25085-99-8
CAS 68609-97-2
CAS 100-51-6

No exposure limits noted for the ingredient(s)

Engineering Controls
Use local exhaust ventilation, or other engineering controls to maintain airborne levels below exposure limit requirements or guidelines.

Personal Protective Equipment
Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator. Wear appropriate chemical resistant protective gloves. Wear tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists. Wear appropriate protective clothing. When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Eyewash fountains and safety showers are recommended in the work area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

<table>
<thead>
<tr>
<th>Physical State/ Appearance/ Color:</th>
<th>Vapour Pressure:</th>
<th>Relative Density:</th>
<th>Solubility:</th>
</tr>
</thead>
<tbody>
<tr>
<td>Transparent liquid, Clear</td>
<td>Not available</td>
<td>1.122 (g/ml)</td>
<td>Partial</td>
</tr>
<tr>
<td>Odour: Odorless to mild</td>
<td>Vapour Density:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Odour threshold:</td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>pH:</td>
<td>Not available</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Melting/freezing point:</td>
<td>Partition coefficient-n-octanol/water:</td>
<td></td>
<td></td>
</tr>
<tr>
<td>Initial boiling point/range:</td>
<td>Not available</td>
<td>Auto-ignition temperature:</td>
<td>Not available</td>
</tr>
<tr>
<td>Flash point (closed cup): &gt; 93 °C</td>
<td>Decomposition temperature:</td>
<td>Not available</td>
<td></td>
</tr>
<tr>
<td>Evaporation rate:</td>
<td>Viscosity:</td>
<td>1200 - 1400 cps</td>
<td></td>
</tr>
<tr>
<td>Flammability (solids and gases):</td>
<td>VOC:</td>
<td>45 g/L</td>
<td></td>
</tr>
<tr>
<td>Upper and lower flammability/explosive limits</td>
<td>Other:</td>
<td>None known</td>
<td></td>
</tr>
</tbody>
</table>

SECTION 10. STABILITY AND REACTIVITY

Reactivity: This product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability: This product is stable under normal conditions.
Possibility of hazardous reactions: This product will polymerize if mixed with an amine. Considerable heat can evolve.
Conditions to Avoid: Avoid temperatures exceeding the flash point. Avoid unintended contact with amines.
Incompatible materials: Strong oxidizers, strong alkalis, strong mineral acids, amines.
Hazardous decomposition products: Unknown.
SAFETY DATA SHEET (SDS)

SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure (inhalation, ingestion, skin and eye contact):
May be harmful if swallowed. May cause skin irritation. May cause an allergic skin reaction. May cause eye irritation.

Symptoms related to the physical, chemical and toxicological characteristics:
High airborne concentrations of vapors may cause irritation of the respiratory tract and mucous membranes. Symptoms may include stinging, itching, tearing, redness, swelling, and blurred vision.

Delayed and immediate effects (chronic effects from short-term and long-term exposure):

- **Skin Sensitization** – Sensitization after skin contact possible;
- **Respiratory Sensitization** – No data available;
- **Carcinogenicity** – No ingredient listed by IARC, ACGIH, NTP or OSHA Reproductive Toxicity
- **Specific Target Organ Toxicity — Single Exposure** – No data available;
- **Specific Target Organ Toxicity - Repeated Exposure** – No data available;
- **Aspiration Hazard** – No data available;
- **Health Hazards Not Otherwise Classified** – No data available.

Numerical measures of toxicity (ATE; LD₅₀ & LC₅₀):

- CAS 25085-99-8 LD₅₀, Oral - Rat >15000 mg/kg
  - LD₅₀, Dermal - Rabbit 23000 mg/kg
- CAS 68609-97-2 LD₅₀, Oral - Rat 17100 mg/kg
  - LD₅₀, Dermal - Rabbit >4.5 mL/kg
- CAS 100-51-6 LD₅₀, Oral - Rat 1360 mg/kg

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial information):

Hazardous to the aquatic environment

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS 25085-99-8</td>
<td>LC₅₀ Oncorhynchus mykiss (rainbow trout)</td>
<td>2 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>EC₅₀ Daphnia magna (Water flea)</td>
<td>1.8 mg/l - 48 h</td>
</tr>
<tr>
<td>CAS 68609-97-2</td>
<td>LC₅₀ Fish</td>
<td>&gt; 1800 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>LC₅₀ Invertebrates</td>
<td>&gt; 5000 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>EC₅₀ Invertebrates</td>
<td>6.07-7.2 mg/l - 48 h</td>
</tr>
<tr>
<td>CAS 100-51-6</td>
<td>LC₅₀ Pimephales promelas (fathead minnow)</td>
<td>460 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>LC₅₀ Lepomis macrolepis (bluegill)</td>
<td>10 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>LC₅₀ Menidia peninsulae (silverside minnow)</td>
<td>32 mg/l - 96 h</td>
</tr>
</tbody>
</table>

Persistence and degradability: Not enough data available.

Bioaccumulative potential: Bioconcentration potential is moderate.

Mobility in soil: Low potential for mobility in soil.

Other adverse effects: No data available.

SECTION 13. DISPOSAL CONSIDERATIONS

Information on safe handling for disposal/methods of disposal/contaminated packaging: Dispose of contents/container into safe container in accordance with local, regional or national regulations.

SECTION 14. TRANSPORT INFORMATION

UN Number: Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations:

- UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorhydrin) epoxy resin); CLASS 9; PG III

UN Number: Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime):

- UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorhydrin) epoxy resin); CLASS 9; PG III

UN Number: Proper shipping name; Class(es); Packing group (PG) of the IATA (air):

- UN3082, ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (bisphenol-A-(epichlorhydrin) epoxy resin); CLASS 9; PG III
SAFETY DATA SHEET (SDS)

Special Precautions (transport/conveyance): May also be shipped as a LIMITED QUANTITY in accordance with TDG.

Environmental hazards (IMDG or other): Marine Pollutant

Bulk transport (usually more than 450L in capacity): Possible

SECTION 15. REGULATORY INFORMATION

Safety/health Canadian regulations specifics: Refer to section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

Environmental Canadian regulations specifics: Refer to section 3 for ingredient(s) of the DSL.

Safety/health/environmental outside regulations specifics: None

SECTION 16. OTHER INFORMATION

Date of latest revision of the safety data sheet: May 9, 2016

Disclaimer:

NOTICE TO READER:

Passeport Élite expressly disclaims all express or implied warranties of merchantability and fitness for a particular purpose, with respect to the product or information provided herein, and shall under no circumstances be liable for incidental or consequential damages. All information appearing herein is based upon data obtained from the manufacturer and/or recognized technical sources. While the information is believed to be accurate, Passeport Élite makes no representations as to its accuracy or sufficiency. Conditions of use are beyond Passeport Élite control and therefore users are responsible to verify this data under their own operating conditions to determine whether the product is suitable for their particular purposes and they assume all risks of their use, handling, and disposal of the product, or from the publication or use of, or reliance upon, information contained herein. This information relates only to the product designated herein, and does not relate to its use in combination with any other material or in any other process.

***END OF S.D.S.***
SAFETY DATA SHEET (SDS)

SECTION 1. PRODUCT AND COMPANY IDENTIFICATION

Product Identifier: Component B | 100% solids Epoxy
Other means of identification: None
Recommended use: Epoxy Hardener
Manufactured by: CTM Adhesives Inc.
8320 Grenache Street
Montréal, Qc H1J 1C5
CANADA
E-mail Address: www.ctmadhesives.com
Prepared by: The Health, Safety and Environmental Department of CTM Adhesives
Telephone number of preparer: 514-321-5540
Fax number: 514-321-5570
Emergency Telephone Number: 24-Hour Emergency Telephone Number Canada (CANUTEC): (613) 996-6666

SECTION 2. HAZARDS IDENTIFICATION

GHS Classification of hazardous product
Acute Toxicity, Oral (Category 4)
Skin Sensitization (Category 1A)
Skin Corrosion/irritation (Category 1B)
Serious eye damage/irritation (Category 1)
Reproductive toxicity (Category 2)
Hazardous to the aquatic environment - acute (Category 1)
Hazardous to the aquatic environment - chronic (Category 1)

GHS Label Elements: Hazard Pictograms/symbols

Signal Word: DANGER
Hazard and Precautionary Statements:
H302 Harmful if swallowed
H317 May cause an allergic skin reaction
H314 Causes severe skin burns and eye damage
H318 Causes serious eye damage
H361 Suspected of damaging fertility or the unborn child
H400 Very toxic to aquatic life
H410 Very toxic to aquatic life with long lasting effects
P201 Obtain special instructions before use. P202 Do not handle until all safety precautions have been read and understood. P260 Do not breathe dust or mist. P280 Wear protective gloves/protective clothing/eye protection/face protection. P272 Contaminated work clothing should not be allowed out of the workplace. P270 Do not eat, drink or smoke when using this product. P264 Wash with plenty of water and soap thoroughly after handling. P308 + P313 IF exposed or concerned: Get medical advice/attention. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. P310 Immediately call a POISON CENTER or doctor/physician. P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water [shower]. P310 Immediately call a POISON CENTER or doctor/physician. P363 Wash contaminated clothing before reuse. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting. P312 Call a POISON CENTER/doctor if you feel unwell. P362 + P364 Take off contaminated clothing and wash before reuse. P273 Avoid release to the environment. P405 Store locked up. P501 Dispose of contents/container in accordance with local, regional or national regulations.

Other Hazards Known: None known
GHS Special Labeling: EUH205 - “Contains epoxy constituents. May produce a skin allergy.”
SAFETY DATA SHEET (SDS)

SECTION 3. COMPOSITION / INFORMATION ON INGREDIENTS

<table>
<thead>
<tr>
<th>Chemical Name</th>
<th>CAS Number</th>
<th>Concentration (%)</th>
</tr>
</thead>
<tbody>
<tr>
<td>epoxy adduct</td>
<td>Proprietary</td>
<td>10 - 30 %</td>
</tr>
<tr>
<td>isophorone diamine</td>
<td>2855-13-2</td>
<td>10 - 30 %</td>
</tr>
<tr>
<td>benzyl alcohol</td>
<td>100-51-6</td>
<td>1 - 10 %</td>
</tr>
<tr>
<td>4-nonylphenol, branched</td>
<td>84852-15-3</td>
<td>10 - 30 %</td>
</tr>
<tr>
<td>polyoxypropylene diamine</td>
<td>9046-10-0</td>
<td>20 - 40 %</td>
</tr>
</tbody>
</table>

SECTION 4. FIRST AID MEASURES

Inhalation: IF INHALED: Remove person to fresh air and keep comfortable for breathing.

Ingestion: IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.

Skin Contact: IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water/shower.

Eye Contact: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do so. Continue rinsing. Immediately call a POISON CENTER or doctor/physician.

Most important symptoms and effects (acute and delayed)
Burning pain and severe corrosive skin damage. Causes serious eye damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result.

Indication of any immediate medical attention and special treatment needed
Provide general supportive measures and treat symptomatically. Chemical burns: Flush with water immediately. While flushing, remove clothes which do not adhere to affected area. Call an ambulance. Continue flushing during transport to hospital. Keep victim warm. Keep victim under observation. Symptoms may be delayed.

General Information
IF exposed or concerned: Get medical advice/attention. If you feel unwell, seek medical advice (show the label where possible). Ensure the medical personnel are aware of the material(s) involved, and take precautions to protect themselves. Show this safety data sheet to the doctor in attendance.

SECTION 5. FIRE-FIGHTING MEASURES

Extinguishing media
Suitable extinguishing media: In case of fire: Water fog. Foam. Dry chemical powder. Carbon dioxide (CO2)
Unsuitable extinguishing media: Do not use water jet as an extinguisher, as this will spread the fire.

Specific hazards arising from the hazardous product: During fire, gases hazardous to health may be formed.
Special protective equipment and precautions for fire-fighting: Self-contained breathing apparatus and full protective clothing must be worn in case of fire.

SECTION 6. ACCIDENTAL RELEASE MEASURES

Personal precautions, protective equipment and emergency procedures
Keep unnecessary personnel away. Keep people away from and upwind of spill/leak. Keep upwind. Keep out of low areas. Wear appropriate protective equipment and clothing during clean-up. Do not breathe mist or vapour. Do not touch damaged containers or spilled material unless wearing appropriate protective clothing. Ensure adequate ventilation. Local authorities should be advised if significant spillage cannot be contained. For personal protection, see section 8 of the SDS.

Methods and materials for containment and cleaning up
Large spills: Stop the flow of material, if this is without risk. Dike the spilled material, where this is possible. Cover with plastic sheet to prevent spreading. Absorb in vermiculite, dry sand or earth and place into containers. Prevent product from entering drains. Prevent entry into waterways, sewer, basements or confined areas. Following product recovery, flush area with water. Small Spills: Wipe up with absorbent material. Clean surface thoroughly to remove residual contamination. Never return spills to original containers for re-use. For waste disposal, see section 13 of the SDS.

Environmental Precautions
Avoid release to the environment. Inform appropriate managerial or supervisory personnel of all environmental releases. Contact local authorities in case of spillage to drain/aquatic environment. Prevent further leakage or spillage if safe to do so. Avoid discharge into drains, water courses or onto the ground.
SAFETY DATA SHEET (SDS)

SECTION 7. HANDLING AND STORAGE

Precautions for safe handling
Obtain special instructions before use. Do not handle until all safety precautions have been read and understood. Do not breathe dust or mist. Do not get in eyes, on skin, or on clothing. Do not get this material in contact with eyes. Do not taste or swallow. When using, do not eat, drink or smoke. Provide adequate ventilation. Should be handled in closed systems, if possible. Pregnant or breastfeeding women must not handle this product. Wear appropriate personal protective equipment. Wash hands thoroughly after handling. Avoid release to the environment. Observe good industrial hygiene practices.

Conditions for safe storage, including any incompatibilities
Store locked up. Store in original tightly closed container. Keep container tightly closed. Store away from incompatible materials (see Section 10 of the SDS).

SECTION 8. EXPOSURE CONTROLS / PERSONAL PROTECTION

Control Parameters (biological limit values or exposure limit values and source of those values)
Exposure limits:
- CAS Proprietary: No exposure limits noted for the ingredient(s)
- CAS 2855-13-2: No exposure limits noted for the ingredient(s)
- CAS 100-51-6: No exposure limits noted for the ingredient(s)
- CAS 84852-15-3: No exposure limits noted for the ingredient(s)
- CAS 9046-10-0: No exposure limits noted for the ingredient(s)

Engineering Controls
Provide good local exhaust ventilation to control vapour/mist. Eye wash facilities and emergency showers must be available when handling this product.

Personal Protective Equipment
Wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator. Wear appropriate chemical resistant protective gloves. Wear tightly fitting safety goggles (chemical goggles). Wear face shield if splashing hazard exists. Wear appropriate protective clothing. When using, do not eat, drink or smoke. Always observe good personal hygiene measures, such as washing after handling the material and before eating, drinking, and/or smoking. Routinely wash work clothing and protective equipment to remove contaminants. Eyewash fountains and safety showers are recommended in the work area.

SECTION 9. PHYSICAL AND CHEMICAL PROPERTIES

Information on basic physical and chemical properties

|------------------------------------|-----------------|-----|--------|-------------|------------------------|--------------------------|--------------------------|------------------------|-----------------|-----------------------------|-----------------------------|--------|-----------------|------------------------|-----------|-------------------|-----------------|----------------|----------------------------|-----------------|----------------|------------------|----------------|--------|-----------------|-----------------|----------|

SECTION 10. STABILITY AND REACTIVITY

Reactivity: This product is stable and non-reactive under normal conditions of use, storage and transport.
Chemical Stability: This product is stable under normal conditions.
Possibility of hazardous reactions: This product will polymerize if mixed with an epoxy resin. Considerable heat can evolve.
Conditions to Avoid: Avoid temperatures exceeding the flash point. Epoxy resins under uncontrolled conditions.
Incompatible materials: Strong oxidizing agents and acids.
Hazardous decomposition products: Unknown.
SECTION 11. TOXICOLOGICAL INFORMATION

Likely routes of exposure (inhalation, ingestion, skin and eye contact):
May be harmful if inhaled. Harmful if swallowed. May be harmful in contact with skin. May cause an allergic skin reaction. Causes severe skin burns. Causes serious eye damage.

Symptoms related to the physical, chemical and toxicological characteristics:
Contains ingredients which are extremely destructive to tissues of the mucous membranes and upper respiratory tract, eyes, and skin. Burning pain and severe corrosive skin damage. Symptoms may include stinging, tearing, redness, swelling, and blurred vision. Permanent eye damage including blindness could result. Coughing, shortness of breath, headaches, and nausea.

Delayed and immediate effects (chronic effects from short-term and long-term exposure):
Skin Sensitization – Sensitization after skin contact possible; Respiratory Sensitization – No data available; Germ Cell Mutagenicity – No data available; Carcinogenicity – No ingredient listed by IARC, ACGIH, NTP or OSHA Reproductive Toxicity – Suspected of damaging fertility or the unborn child; Specific Target Organ Toxicity — Single Exposure – No data available; Specific Target Organ Toxicity - Repeated Exposure – No data available; Aspiration Hazard – Possible; Health Hazards Not Otherwise Classified – No data available.

Numerical measures of toxicity (ATE; LD$_{50}$ & LC$_{50}$):

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Proprietary</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>CAS 2855-13-2</td>
<td>Leuciscus idus (ide)</td>
<td>110 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>Daphnia magna</td>
<td>23 mg/l - 48 h</td>
</tr>
<tr>
<td></td>
<td>Chaetogammarus marinus</td>
<td>388 mg/l - 48 h</td>
</tr>
<tr>
<td>CAS 100-51-6</td>
<td>Pimephales promelas (fathead minnow)</td>
<td>460 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>Lepomis macrochirus (bluegill)</td>
<td>10 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>Menidia peninsulae (silverside minnow)</td>
<td>32 mg/l - 96 h</td>
</tr>
<tr>
<td>CAS 84852-15-3</td>
<td>Lepomis macrochirus (bluegill)</td>
<td>0.1351 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>Pimephales promelas (fathead minnow)</td>
<td>0.1383 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>Pleuronectes americanus (winter flounder)</td>
<td>0.017 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>Mulinia lateralis (Clam)</td>
<td>0.0379 mg/l - 48 h</td>
</tr>
<tr>
<td>CAS 9046-10-0</td>
<td>Oncorhynchus mykiss (rainbow trout)</td>
<td>15 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>Daphnia</td>
<td>80 mg/l - 48 h</td>
</tr>
</tbody>
</table>

Persistence and degradability: Not readily biodegradable.
Bioaccumulative potential: No data available.

Mobility in soil: Adsorption to solid soil phase is possible for some ingredients but not enough data is available for the mixture.
Other adverse effects: No data available.

SECTION 12. ECOLOGICAL INFORMATION

Ecotoxicity (aquatic and terrestrial information):
Very toxic to aquatic life with long lasting effects.

<table>
<thead>
<tr>
<th>Product</th>
<th>Species</th>
<th>Result</th>
</tr>
</thead>
<tbody>
<tr>
<td>CAS Proprietary</td>
<td>No data available</td>
<td>No data available</td>
</tr>
<tr>
<td>CAS 2855-13-2</td>
<td>Leuciscus idus (ide)</td>
<td>110 mg/l - 96 h</td>
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<td></td>
<td>Daphnia magna</td>
<td>23 mg/l - 48 h</td>
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<tr>
<td></td>
<td>Chaetogammarus marinus</td>
<td>388 mg/l - 48 h</td>
</tr>
<tr>
<td>CAS 100-51-6</td>
<td>Pimephales promelas (fathead minnow)</td>
<td>460 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>Lepomis macrochirus (bluegill)</td>
<td>10 mg/l - 96 h</td>
</tr>
<tr>
<td></td>
<td>Menidia peninsulae (silverside minnow)</td>
<td>32 mg/l - 96 h</td>
</tr>
<tr>
<td>CAS 84852-15-3</td>
<td>Lepomis macrochirus (bluegill)</td>
<td>0.1351 mg/l - 96 h</td>
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<tr>
<td></td>
<td>Daphnia</td>
<td>80 mg/l - 48 h</td>
</tr>
</tbody>
</table>

SECTION 13. DISPOSAL CONSIDERATIONS

Information on safe handling for disposal/methods of disposal/contaminated packaging: Dispose of contents/container into safe container in accordance with local, regional or national regulations.
SECTION 14. TRANSPORT INFORMATION

UN Number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations:
UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (isophorone diamine, 4-nonylphenol, branched); CLASS 8; PG III

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime):
UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (isophorone diamine, 4-nonylphenol, branched); CLASS 8; PG III

UN Number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air):
UN3267; CORROSIVE LIQUID, BASIC, ORGANIC, N.O.S. (isophorone diamine, 4-nonylphenol, branched); CLASS 8; PG III

Special Precautions (transport/conveyance): None

Environmental hazards (IMDG or other): Marine Pollutant

Bulk transport (usually more than 450L in capacity): Possible.

SECTION 15. REGULATORY INFORMATION

Safety/health Canadian regulations specifics: Refer to section 2 for the appropriate classification. This product has been classified in accordance with the hazard criteria of the Hazardous Products Regulations (HPR).

Environmental Canadian regulations specifics: Refer to section 3 for ingredient(s) of the DSL.

Safety/health/environmental outside regulations specifics: None

SECTION 16. OTHER INFORMATION

Date of latest revision of the safety data sheet: May 9, 2016

Disclaimer:

NOTICE TO READER:

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***END OF S.D.S.***