

## Section. 1. Product and Company Identification

**Product Name:** URECO EPOXY - PART A (RESIN) GTC LV  
**Product Used:** PIGMENTED RESIN COMPONENT OF AN EPOXY FLOORING SYSTEM  
**Product Details:** Pigmented proprietary blend of Bisphenol A epoxy resin  
**Made by (Manufacturer):** PowerBlast Canada  
 3505 Le Corbusier  
 Laval, Québec H7L 4Z4  
 Tel: (450) 625-9344  
 Fax: (450) 625-2877

## Section. 2. Hazards Identification

### Classification of hazardous product (name of the category or subcategory of the hazard class)

Skin irritation (category 2)  
 Eye irritation (category 2A)  
 Skin sensitization (category 1B)  
 Hazardous to the aquatic environment - Chronic (Category 2)

### Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



**Warning**

H315 Causes skin irritation.  
 H319 Causes serious eye irritation.  
 H317 May cause an allergic skin reaction.  
 H411 Toxic to aquatic life with long lasting effects.  
 P261 Avoid breathing dust/fume/gas/mist/vapours/spray.  
 P264 Wash hands/nails/face thoroughly after handling.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/protective clothing/eye protection/face protection.  
 P302 + P352 IF ON SKIN: wash with plenty of water.  
 P333 + P313 IF SKIN irritation or rash occurs: Get medical 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 attention.  
 P391 Collect spillage.  
 P405 Store locked up.  
 P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

**Other hazards known**

None

**Section. 3. Composition/Information On Ingredients**

Hazardous ingredient	%	CAS number	Species	LD50 mg/kg
Epoxy resin reaction product Bisphenol A(epichlorohydrin)	50-90	25068-38-6	Rat (oral) Rabbit (dermal)	>5000 20,000
Alkyl (C12-C14) glycidyl ether	0-10	68609-97-2	Rat (oral) Rabbit Skin	>17,000 >4,000

**Section. 4. First Aid Measures**

<b>General Information:</b>	The actions below are those necessary for any chemical which does not have any special medical effects. Contaminated clothing should be removed and washed before being re-used.
<b>After Inhalation:</b>	Remove victim to fresh air – if not breathing, qualified personnel should administer artificial respiration. If conscious and coughing or other symptoms do not subside, seek medical attention.
<b>After Skin Contact:</b>	Wash immediately with plenty of water and pH neutral soap or mild detergent for at least 15 minutes. Remove contaminated clothing and wash prior to re-use. In case of persistent irritation, or if a rash develops, seek medical attention.
<b>After Eye Contact:</b>	Flush with plenty of water, holding eyes open. Seek medical attention promptly if there is any irritation.
<b>After Swallowing:</b>	Immediately rinse mouth out with water and seek medical attention. If this is not immediately available, drink one or two pints of water. Do not induce vomiting.
<b>Additional information:</b>	Inadvertent inhalation of vomited material may seriously damage the lungs. Avoid all situations which may allow dust to become airborne.
<b>Note to Physician:</b>	Symptomatic treatment and supportive therapy as indicated. Administer oxygen if necessary. Following severe exposure, the patient should be kept under medical review as needed.

**Section. 5. Fire-Fighting Measures**

<b>Boiling point:</b>	>200 °C
<b>Flash point:</b>	Not applicable non-flammable
<b>Auto Ignition point:</b>	Not applicable
<b>Upper flammable limit:</b>	Not available
<b>Lower flammable limit:</b>	Not available
<b>Explosion data</b>	
<b>Sensitivity to static discharge:</b>	Not Sensitive
<b>Sensitivity to impact:</b>	Not Sensitive
<b>Rate of burning:</b>	Not flammable
<b>Explosive power:</b>	Not expected
<b>Hazardous combustion products:</b>	None known
<b>T.D.G. flammability class:</b>	Not applicable
<b>Fire-Fighting Measures:</b>	Evacuate all persons to a safe area. Move non-burning materials, as feasible, to a safe location as soon as possible. Use water spray to cool fire-exposed containers. Firefighter should wear protective equipment as required.
<b>Suitable Extinguishing Agents:</b>	Water fog, alcohol foam, carbon dioxide or dry chemical.
<b>Unsuitable extinguishing agents:</b>	None
<b>Protective Equipment:</b>	Wear positive pressure self-contained breathing apparatus and protective firefighting clothing.

### Section 6. Accidental Release Measures

<b>Personal precautions:</b>	Keep unnecessary personnel away. Use suitable protective equipment.
<b>Personal precautions:</b>	Keep away from sources of ignition- No smoking. Avoid contact with skin, eyes and clothing or skin. Do not breathe vapors.
<b>Environmental precautions:</b>	Contain liquid to prevent contamination of soil, surface water or ground water. Flushing and water must be contained and prevented from entering into soil, waterways and groundwater. Large spills: contain with a dike.
<b>Leak/spills:</b>	Cover and soak up with a suitable absorbent material, such as: Sand. Collect dry material using a scoop. Avoid actions that cause dust to become airborne. Avoid inhalation of dust and contact with skin. Wear appropriate protective equipment as described above. The uses of wet or dry HEPA vacuum can be used to clean up dry powder. Do not dry sweep this product with brooms. Do not use compressed air to clean up product. Collect all material in a suitable container and properly label container. Dispose of according to applicable regulations.
<b>Waste disposal:</b>	In accordance with municipal, provincial and federal regulations, follow in-house company procedures.

### Section 7. Handling and Storage

<b>Handling procedures:</b>	Maintain good personal hygiene. Avoid skin and eye contact. Avoid breathing vapors of heated materials. Remove contaminated clothing and wash separately. Handle open containers with care, avoid splashing. Review section 8 for appropriate Personal Protective Equipment. Wash thoroughly after using, particularly before eating or smoking.
<b>Storage:</b>	Store in accordance with local regulations. Store in original containers in a dry cool place, away from incompatible materials (see section 10) and food and drink. Keep containers closed and sealed until ready for use.

### Section 8: Exposure Controls/Personal Protection

<b>Exposure limits:</b>	None established.
<b>Personal Protection:</b>	Prevention is essential in avoiding potential eye, skin and inhalation injury. Avoid contact with unhardened Epoxy resins. Where prolonged exposure to unhardened Epoxy resins might occur, wear impervious clothing and gloves to eliminate skin contact. Where exposure to heated resins is likely or unavoidable, use appropriate engineering controls to minimize vapors.
<b>Gloves/type:</b>	Impervious chemically resistant disposable gloves.
<b>Respiratory/type:</b>	For most situations no respiratory protection should be needed. However, if discomfort is experienced, use an approved air-purifying respirator. An organic vapor cartridge mask should be used in compliance with established company guidelines. In case of insufficient ventilation, wear similar suitable respiratory equipment.
<b>Eye/type:</b>	Wear splash-proof chemical goggles.
<b>Footwear/type:</b>	Safety boots per local regulations.
<b>Clothing/type:</b>	Use dust impervious clothing.
<b>Other/ type:</b>	Portable eyewash facility should be available on site and in close proximity. Move to another area and wash hands prior to smoking and consuming food.
<b>Ventilation requirements:</b>	Use local exhaust or general dilution ventilation to control exposure to within applicable limits.

### Section. 9. Physical and Chemical Properties

<b>Physical state:</b>	Coloured (various) thick liquid
<b>Odor:</b>	Characteristic epoxy
<b>Color:</b>	Various
<b>Vapor pressure:</b>	0.6 mmHg @ 70 °F Literature (alkyl glycidyl ether)
<b>Vapor Density:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Volatiles by (%):</b>	0 %
<b>Solubility in water:</b>	None
<b>Specific gravity:</b>	1.10 to 1.20 (water = 1)
<b>Viscosity:</b>	1.10 to 1.20 Cps. Brookfield (dynamic) spindle #2, 15 rpm, 25°C
<b>Chemical stability:</b>	Product is stable.
<b>Hazardous polymerization:</b>	Will not occur.
<b>Compatibility with other substance:</b>	Acids, Bases. Oxidizing materials
<b>Reactivity, under which conditions:</b>	Contact with incompatible substances, elevated temperatures.
<b>Hazardous products of decomposition:</b>	Oxides of Carbon, (carbon dioxide, carbon monoxide, CxOy), Phenol

### Section 10. Stability and reactivity

#### Reactivity

Does not react under the recommended storage and handling conditions prescribed.

#### Chemical stability

Stable under the recommended storage and handling conditions prescribed.

#### Possibility of hazardous reactions

None known

#### Conditions to avoid (static discharge, shock or vibration)

None known

#### Incompatible materials

Oxidizing materials; etc.

#### Hazardous decomposition products

None known

### Section. 11. Toxicological information

<b>LD 50 Rat (oral):</b>	> 2,000 mg/kg
<b>LD 50 Rabbit (dermal):</b>	> 2,000 mg/kg
<b>Toxic effects on Humans:</b>	Skin: has caused allergic skin reactions when tested on Guinea pigs.
<b>Chronic effect on Humans:</b>	Based on available data, repeated exposures are not anticipated to cause significant adverse effects.
<b>Irritancy of material:</b>	See effects of acute exposure
<b>Sensitizing of material:</b>	Has caused allergic reactions in humans, did not causes allergenic skin when tested in mice.
<b>Carcinogenic effects:</b>	DGEBPA is not classified as a carcinogen after recent review by the (IARC) international Agency for Research on Cancer.
<b>Tetatology:</b>	No effects known, or reported.
<b>Mutagenicity:</b>	No effects known, or reported.
<b>Reproductive effects:</b>	No effects known, or reported.

### Section. 12. Ecological information

<b>Biodegradability:</b>	Not readily biodegradable, 12 % after 28 days
<b>Ecotoxicity data:</b>	Moderately toxic, 96 hours. LC50 1.1 mg/l (fish) 48 hours. EC 50 Daphnia 1-10 mg/l
<b>Products of degradation:</b>	No specific information available

### Section. 13. Disposal Considerations

**Waste disposal:** In accordance with municipal, provincial and federal regulations, follow in-house company procedures.

Made in Canada  
Manufactured by PowerBlast Canada 

### Section. 14. Transport information

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

Not regulated

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

UN3082; ENVIRONMENTALLY HAZARDOUS SUBSTANCE, LIQUID, N.O.S. (Epoxy Resin); CLASS 9; PG III

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

Not regulated

Special precautions (transport/conveyance) none

Environmental hazards (IMDG or other) Marine Pollutant

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

### Section. 15. Regulatory information

#### California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels, which would require a warning under the statute.

#### European Inventory of Existing Commercial Chemical Substances (EINECS)

Components of this product are not listed on EINECS because they are polymers or "no-longer polymers" marketed before the enforcement of the 7th Amendment to Directive 67/548/EEC.

#### US. Toxic Substances Control Act

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

#### CEPA - Domestic Substances List (DSL)

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

Carcinogenicity: by IARC? Yes ( ) No (X)

#### Cancer Information:

For the major component(s): Many studies have been conducted to assess the potential carcinogenicity of diglycidyl ether of bisphenol A (DGEBA). Indeed, the most recent review of the available data by the International Agency for Research on Cancer (IARC) has concluded that DGEBA is not classified as a carcinogen. Although some weak evidence of carcinogenicity has been reported in animals, when all of the data are considered, the weight of evidence does not show that DGEBA is carcinogenic.

### Section. 16. Other information

#### Status under WHMIS:

D2B – eye or skin irritant

D2B – skin sensitizer

This product has been classified in accordance with the hazard criteria of the HPR and the SDS contains all of the information required by the Hazardous product regulations.

#### Hazard Rating (N.F.P.A.):


Health: 1 Fire: 0 Reactivity: 0 Specific: Not applicable

This N.F.P.A. rating is a recommendation by the manufacturer using the guidelines or published evaluations prepared by the National Fire Protection Association (N.F.P.A.). Prepared at PowerBlast Canada Regulatory Affairs 450.625.9344 April 03 2017

#### NOTICE TO READER:

The information contained in this Safety Data Sheet applies only to the actual PowerBlast Canada. Product identified and described herein. This information is not intended to address, nor does it address the use or application of the identified PowerBlast Canada product in combination with any other material, product or process. All of the information is based on technical data regarding the identified product that Powerblast Canada believes to be reliable as of the date hereof. Prior to each use of any Powerblast Canada product, the user must always read and follow the warnings and instructions on the products revised Technical Data Sheet, product label and Safety Data Sheet. Information available at 1 (866) 975-1133

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Made in Canada  
Manufactured by PowerBlast Canada 

## SAFETY DATA SHEET EPOXY SERIES URECO GTC LV – PART B

### Section. 1. Product and Company Identification

**Product Name:** URECO EPOXY FLOORING SYSTEM PART B (HARDENER) GTC LV  
**Product Used:** PIGMENTED RESIN COMPONENT OF AN EPOXY FLOORING SYSTEM  
**Product Details:** Proprietary blend of polyaliphatic amines  
**Made by (Manufacturer):** PowerBlast Canada  
 3505 Le Corbusier  
 Laval, Québec H7L 4Z4  
 Tel: (450) 625-9344  
 Fax: (450) 625-2877

### Section. 2. Hazards Identification

#### Classification of hazardous product (name of the category or subcategory of the hazard class)

Acute toxicity oral (Category 4)  
 Acute toxicity dermal (Category 4)  
 Skin corrosion (Category 1C)  
 Serious eye damage (Category 1)  
 Skin sensitization (Category 1)  
 Specific target organ toxicity – Single exposure inhalation (Category 3)  
 Reproductive toxicity (Category 2)  
 Hazardous to the aquatic environment – Acute (Category 2)  
 Hazardous to the aquatic environment - Chronic (Category 2)

#### Information elements (symbols, signal words, hazard statements and precautionary statements of the category/subcategory)



**Danger**

H302 Harmful if swallowed.  
 H312 Harmful in contact with skin.  
 H314 Causes severe skin burns and eye damage.  
 H317 May cause an allergic skin reaction.  
 H335 May cause respiratory irritation.  
 H361 Suspected of damaging fertility or the unborn child.  
 H401 Toxic to aquatic life.  
 H411 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 dusts or mists. P264 Wash hands/nails/face thoroughly after handling.  
 P270 Do not eat, drink or smoke when using this product.  
 P271 Use only outdoors or in a well-ventilated area.  
 P272 Contaminated work clothing should not be allowed out of the workplace.  
 P273 Avoid release to the environment.  
 P280 Wear protective gloves/ protective clothing/ eye protection/ face protection.  
 P301 + P330 + P331 IF SWALLOWED: Rinse mouth. Do NOT induce vomiting.  
 P312 Call a doctor if you feel unwell. P302 + P352 IF ON SKIN: wash with plenty of water.  
 P312 Call a doctor if you feel unwell.  
 P362 + P364 Take off contaminated clothing and wash it before reuse.  
 P303 + P361 + P353 IF ON SKIN (or hair): Take off immediately all contaminated clothing. Rinse skin with water.  
 P363 Wash contaminated clothing before reuse.  
 P332 + P313 IF SKIN irritation or rash occurs: Get medical attention. P305 + P351 + P338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. P304 + P340 IF INHALED: Remove person to fresh air and keep comfortable for breathing. P310 Immediately call a doctor. P308 + P313 IF exposed or concerned: Get medical attention. P391 Collect spillage. P403 + P233 Store in a well-ventilated place. Keep container tightly closed. P405 Store locked up. P501 Dispose of contents/container into safe container in accordance with local, regional or national regulations.

<b>Other hazards known</b>	None
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EPOXY SERIES  
**URECO GTC LV – PART B**

**Section. 3. Composition/Information On Ingredients**

Hazardous ingredient	%	CAS number
Benzyl alcohol	25-40	100-51-6
cycloaliphatic polyamine	10-30	2855-13-2
Polypropyldiamine	25 – 40	9046-10-0
2-piperzine-1-ethylsmine	0 – 10	140-31-8
Propan 2,2 –bis {p-(2,3-epoxypropyl) phenyl}- polymer	3 – 10	25085-99-5

**Section. 4. First Aid Measures**

<b>General Information:</b>	The actions below are those necessary for any chemical which does not have any special medical effects. Contaminated clothing should be removed and washed before being re-used. <b>Contains amino ethyl piperzine, benzyl alcohol, and other corrosive organic amines.</b>
<b>After Inhalation:</b>	Remove victim to fresh air – if not breathing, qualified personnel should administer artificial respiration. If conscious and coughing or other symptoms do not subside, seek medical attention.
<b>After Skin Contact:</b>	Wash immediately with plenty of water and pH neutral soap or mild detergent for at least 15 minutes. Remove contaminated clothing and wash prior to re-use. Seek medical attention.
<b>After Eye Contact:</b>	Flush with plenty of water, holding eyes open. Seek medical attention promptly.
<b>After Swallowing:</b>	Immediately rinse mouth out with water and seek medical attention. Do not induce vomiting.
<b>Additional information:</b>	Inadvertent inhalation of vomited material may seriously damage the lungs. Do not mix with nitrites may form suspected cancer causing nitrosamines.
<b>Note to Physician:</b>	Symptomatic treatment and supportive therapy as indicated. Administer oxygen if necessary. Following severe exposure, the patient should be kept under medical review as needed.

**Section. 5. Fire-Fighting Measures**

<b>Boiling point:</b>	Not established (corrosive vapor evolution before boil)
<b>Flash point:</b>	>93°C not flammable
<b>Auto Ignition point:</b>	Not established
<b>Upper flammable limit:</b>	Not available
<b>Lower flammable limit:</b>	Not available
<b>Explosion data:</b>	
<b>Sensitivity to static discharge:</b>	Not sensitive.
<b>Sensitivity to impact:</b>	Not sensitive.
<b>Rate of burning:</b>	Not established as flammable.
<b>Explosive power:</b>	Not expected.
<b>Hazardous combustion products:</b>	Oxide of Carbon (carbon monoxide, carbon dioxide, CxOy).
<b>T.D.G. flammability class:</b>	Not applicable.
<b>Fire Fighting Measures:</b>	Contains Isopropyl alcohol.
<b>Suitable Extinguishing Agents:</b>	Use foam dry chemical or CO2.
<b>Unsuitable extinguishing agents:</b>	Do not use wet jet.
<b>Combustion hazards:</b>	Combustion will produce corrosive gases (ammonia, amine) oxides of carbon.
<b>Protective Equipment:</b>	Wear self-contained breathing apparatus, and full protective clothing.

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**Section 6. Accidental Release Measures**

<b>Personal precautions:</b>	Keep unnecessary personnel away. Use suitable protective equipment.
<b>Personal precautions:</b>	Keep away from sources of ignition- No smoking. Avoid contact with skin, eyes and clothing or skin. Do not breathe vapors.
<b>Environmental precautions:</b>	Contain liquid to prevent contamination of soil, surface water or ground water. Flushing and water must be contained and prevented from entering into soil, waterways and groundwater. Large spills: contain with a dike.
<b>Leak/spills:</b>	Cover and soak up with a suitable absorbent material, such as: Sand. Collect dry material using a scoop. Avoid actions that cause dust to become airborne. Avoid inhalation of dust and contact with skin. Wear appropriate protective equipment as described above. The uses of wet or dry HEPA vacuum can be used to clean up dry powder. Do not dry sweep this product with brooms. Do not use compressed air to clean up product. Collect all material in a suitable container and properly label container. Dispose of according to applicable regulations.
<b>Waste disposal:</b>	In accordance with municipal, provincial and federal regulations, follow in-house company procedures.

**Section 7. Handling and Storage**

<b>Handling procedures:</b>	Maintain good personal hygiene. Avoid skin and eye contact. Avoid breathing vapors of heated materials. Remove contaminated clothing and wash separately. Handle open containers with care, avoid splashing. Review section 8 for appropriate Personal Protective Equipment. Wash thoroughly after using, particularly before eating or smoking.
<b>Storage:</b>	Store in accordance with local regulations. Store in original containers in a dry cool place, away from incompatible materials (see section 10) and food and drink. Keep containers closed and sealed until ready for use.
<b>Storage needs:</b>	Store in a dry area. Store away from moisture. Keep bags tightly closed until use.

**Section 8: Exposure Controls/Personal Protection**

<b>Exposure limits:</b>	None established.
<b>Personal Protection:</b>	Prevention is essential in avoiding potential eye, skin and inhalation injury. Avoid contact with unhardened Epoxy resins. Where prolonged exposure to unhardened Epoxy resins might occur, wear impervious clothing and gloves to eliminate skin contact. Where exposure to heated resins is likely or unavoidable, use appropriate engineering controls to minimize vapor's.
<b>Gloves/type:</b>	Impervious chemically resistant disposable gloves.
<b>Respiratory/type:</b>	For most situations no respiratory protection should be needed. However, if discomfort is experienced, use an approved air-purifying respirator. An organic vapor cartridge mask should be used in compliance with established company guidelines. In case of insufficient ventilation, wear similar suitable respiratory equipment.
<b>Eye/type:</b>	Wear splash-proof chemical goggles.
<b>Footwear/type:</b>	Safety boots per local regulations.
<b>Clothing/type:</b>	Use dust impervious clothing.
<b>Other/ type:</b>	Portable eye wash facility should be available on site and in close proximity. Move to another area and wash hands prior to smoking and consuming food.
<b>Ventilation requirements:</b>	Use local exhaust or general dilution ventilation to control exposure to within applicable limits.



SAFETY DATA SHEET  
EPOXY SERIES  
URECO GTC LV – PART B**Section. 9. Physical and Chemical Properties**

<b>Physical state:</b>	liquid
<b>Odour:</b>	Characteristic amine like
<b>Color:</b>	very light yellow to Amber
<b>Vapour pressure:</b>	Not applicable
<b>Vapour Density:</b>	Not applicable
<b>Evaporation rate:</b>	Not applicable
<b>Volatiles by (%):</b>	0 %
<b>Solubility in water:</b>	Slightly (0.1 to 1.0%)
<b>Specific gravity:</b>	0.97 to 1.00 (water = 1)
<b>Viscosity:</b>	50 to 100 cps Brookfield # 2, 15 rpm 25°C
<b>Chemical stability:</b>	Product is stable
<b>Hazardous polymerization:</b>	Will not occur
<b>Compatibility with other substance:</b>	No: Organic and inorganic acids and nitrates
<b>Reactivity, under which conditions:</b>	Contact with incompatible substances, elevated temperatures.
<b>Hazardous products of decomposition:</b>	Ammonia.

**Section. 10. Stability and Reactivity**

<b>Chemical Stability:</b>	> Stable. Hazardous Polymerisation does not occur.
<b>Conditions to avoid:</b>	> excess heat
<b>Incompatible Products:</b>	> Acids, strong oxidizing agents, nitrates and nitrites
<b>Decomposition Temperature:</b>	> No data available
<b>Hazardous Decomposition Products</b>	> Ammonia
<b>Possibility of Hazardous reactions:</b>	> None under normal processing

**Section. 11. Toxicological information**

<b>LD 50 Rat (oral):</b>	> 1,000 mg/kg
<b>LD 50 Rabbit (dermal):</b>	> 800 mg/kg
<b>LD 50 Rat (oral):</b>	> 1,000 mg/kg
<b>LD 50 Rabbit (dermal):</b>	> 800 mg/kg
<b>Toxic effects on Humans:</b>	Skin: corrosive irritation has caused skin reactions when tested on guinea pigs.
<b>Chronic effect on Humans:</b>	Based on available data, repeated exposures are not anticipated to cause significant adverse effects.
<b>Irritancy of material:</b>	Liquid and vapours can cause irritation on contact and at high concentrations.
<b>Sensitizing of material:</b>	Has caused allergic reactions in humans, did not causes allergenic skin when tested in mice.
<b>Carcinogenic effects:</b>	No reported data CAUTION! N-Nitrosamines, many of which are known to be potent carcinogens, may be formed when the product comes in contact with nitrous acid, nitrites or atmospheres with high nitrous oxide concentrations.
<b>Teratogenicity:</b>	Aminoethylethanolamine, the component has been classified as a Tetragenic in animal studies but there is no current data in human studies.
<b>Mutagenicity:</b>	No effects known, or reported
<b>Reproductive effects:</b>	No effects known, or reported

**Section. 12. Ecological information**

<b>Biodegradability:</b>	This product is not expected to be readily biodegradable.
<b>Ecotoxicity data:</b>	This product is harmful to aquatic and marine life.
<b>Mobility:</b>	The product is sparingly soluble in water.
<b>Products of degradation:</b>	No specific information available.

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**URECO GTC LV – PART B**

**Section. 13. Disposal Considerations**

**Waste disposal:** In accordance with municipal, provincial and federal regulations, follow in-house company procedures.

**Section. 14. Transport information**

**UN number; Proper shipping name; Class(es); Packing group (PG) of the TDG Regulations**  
UN1760; CORROSIVE LIQUID, N.O.S. (Isophorone diamine; Nonyl phenol); CLASS 8; PG III

**UN number; Proper shipping name; Class(es); Packing group (PG) of the IMDG (maritime)**  
UN1760; CORROSIVE LIQUID, N.O.S. (Isophorone diamine; Nonyl phenol); CLASS 8; PG III

**UN number; Proper shipping name; Class(es); Packing group (PG) of the IATA (air)**  
UN1760; CORROSIVE LIQUID, N.O.S. (Isophorone diamine; Nonyl phenol); CLASS 8; PG III

Special precautions (transport/conveyance)	May also be shipped as a LIMITED QUANTITY in accordance with TDG.
Environmental hazards (IMDG or other)	None
Bulk transport (usually more than 450 L in capacity)	Possible

**Section. 15. Regulatory information**

**California Proposition 65 (Safe Drinking Water and Toxic Enforcement Act of 1986)**

This product contains no listed substances known to the State of California to cause cancer, birth defects or other reproductive harm, at levels which would require a warning under the statute.

**European Inventory of Existing Commercial Chemical Substances (EINECS)**

Components of this product are not listed on EINECS because they are polymers or "no-longer polymers" marketed before the enforcement of the 7th Amendment to Directive 67/548/EEC.

**US. Toxic Substances Control Act**

All components of this product are on the TSCA Inventory or are exempt from TSCA Inventory requirements under 40 CFR 720.30.

**CEPA - Domestic Substances List (DSL)**

All substances contained in this product are listed on the Canadian Domestic Substances List (DSL) or are not required to be listed.

**Carcinogenicity: by IARC?:** Yes ( ) No (X)

**Cancer Information:**

For the major component(s): Many studies have been conducted to assess the potential carcinogenicity of diglycidyl ether of bisphenol A (DGEBA). Indeed, the most recent review of the available data by the International Agency for Research on Cancer (IARC) has concluded that DGEBA is not classified as a carcinogen. Although some weak evidence of carcinogenicity has been reported in animals, when all of the data are considered, the weight of evidence does not show that DGEBA is carcinogenic.

**Status under WHMIS: WHMIS HAZARD CLASSIFICATION**

Class D Division 1B, material causes immediate and serious toxic effects (toxic) Class D Division 2A, Material cause other toxic effect (very toxic) Class D 2B Material cause other toxic effect (toxic) Class E Corrosive, (Blend polyaliphatic amines) WHMIS SYMBOLS Test tube/hand, skull and cross bones D2B – eye or skin irritant D2B – skin sensitizer  
This product has been classified in accordance with the hazard criteria of the hazardous product regulations and the SDS contains all of the information required by the HPR.

**Section. 16. Other information**

**Hazard Rating (N.F.P.A.):** Health: 3 Fire: 1 Reactivity: 0 Specific: Not applicable

**FOR EMERGENCIES INVOLVING DANGEROUS GOODS CALL CANUTEC'S 24-HOUR NUMBER  
(613) 996-6666**

This N.F.P.A. rating is a recommendation by the manufacturer using the guidelines or published evaluations prepared by the National Fire Protection Association (N.F.P.A.).

Prepared at PowerBlast Canada Regulatory Affairs

450.625.9344

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