

**SECTION 1: Identification of the substance/mixture and of the company/undertaking**

**1.1. Product identifier:**

**Product trade name:** ERISYS\* GE-11  
**Company product number:** GE11  
**REACH registration number:** Not registered  
**Substance name:** p-tert-Butylphenyl-1-(2,3-epoxy)propyl ether  
**Substance identification number:** EC 221-453-2  
**Other means of identification:** Not Available

**1.2. Relevant identified uses of the substance or mixture and uses advised against:**

**Uses:** Epoxy liquid.  
**Uses advised against:** None identified

**1.3. Details of the supplier of the safety data sheet:**

**Manufacturer/Supplier:** CVC Thermoset Specialties  
844 N. Lenola Road  
Moorestown, New Jersey 08057  
United States  
Telephone: +1-856-533-3000  
FAX: +1-856-533-3003  
**For further information about this SDS:** Email: CTS.info@emeraldmaterials.com

**1.4. Emergency telephone number:**

ChemTel (24 hours): 1-800-255-3924 (USA); +1-813-248-0585 (outside USA);  
1-300-954-583 (Australia); 000-800-100-4086 (India).

**SECTION 2: Hazards identification**

**2.1. Classification of the substance or mixture:**

**Product classification according to Regulation (EC) 1272/2008 (CLP) as amended:**

Skin Irritation, category 2, H315  
Skin Sensitizer, category 1, H317  
Eye Irritation, category 2, H319  
Hazardous to the aquatic environment, Chronic, category 3, H412

**2.2. Label elements:**

**Product labeling according to Regulation (EC) 1272/2008 (CLP) as amended:**

**Hazard pictogram(s):**



**Signal word:**

Warning

**Hazard statements:**

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**Precautionary statements:**

P261 Avoid breathing dust/fume/gas/mist/vapours/spray.

P264 Wash skin thoroughly after handling.

P273 Avoid release to the environment.

P280 Wear protective gloves/eye protection/face protection.

P302+P352 IF ON SKIN: Wash with plenty of soap and water.

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 irritation or rash occurs: Get medical advice/attention.

P337+P313 If eye irritation persists: Get medical advice/attention.

P362+P364 Take off contaminated clothing and wash it before reuse.

**Supplemental information:**

No Additional Information

Precautionary statements are listed according to the United Nations Globally Harmonized System of Classification and Labelling of Chemicals (GHS) - Annex III and ECHA Guidance on Labelling and Packaging. Regulations in individual countries/regions may determine which statements are required on the product label. See product label for specifics.

**2.3. Other hazards:****PBT/vPvB criteria:**

Not Available

**Other hazards:**

No Additional Information

See Section 11 for toxicological information.

**SECTION 3: Composition/information on ingredients****3.1. Substance:**

| <u>CAS-No.</u> | <u>Chemical Name</u>               | <u>Weight%</u> | <u>Classification</u>                                        | <u>H Statements</u>   |
|----------------|------------------------------------|----------------|--------------------------------------------------------------|-----------------------|
| 0003101-60-8   | p-tert-Butyl phenyl glycidyl ether | 99-100         | Aquatic Chronic 3- Eye Irrit. 2- Skin Irrit. 2- Skin Sens. 1 | H315-317-319-412      |
| <u>CAS-No.</u> | <u>Chemical Name</u>               | <u>Weight%</u> | <u>REACH Registration No.</u>                                | <u>EC/List Number</u> |
| 0003101-60-8   | p-tert-Butyl phenyl glycidyl ether | 99-100         | Not Available                                                | 221-453-2             |

See Section 16 for full text of H (Hazard) statements (EC 1272/2008).

Amounts specified are typical and do not represent a specification. Remaining components are proprietary, non-hazardous, and/or present at amounts below reportable limits.

**SECTION 4: First aid measures****4.1. Description of first aid measures:**

**General:** If irritation or other symptoms occur or persist from any route of exposure, remove the affected individual from the area: see a physician/get medical attention.

**Eye contact:** Immediately flush eyes with plenty of clean water for an extended time, not less than fifteen (15) minutes. Flush longer if there is any indication of residual chemical in the eye. Ensure adequate flushing of the eyes by separating the eyelids with fingers and roll eyes in a circular motion. If eye irritation persists: Get medical advice/attention.

**Skin contact:** Immediately remove contaminated clothing and shoes. Wash the affected area with plenty of soap and water until no evidence of the chemical remains (at least 15-20 minutes). Launder clothing before reuse. If skin irritation occurs: Get medical advice/attention.

**Inhalation:** If affected, remove to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Call a POISON CENTER or doctor/physician if you feel unwell.

**Ingestion:** Do not induce vomiting. Never give anything by mouth to an unconscious person. Rinse out the mouth with water. Get medical attention immediately.

**Protection of first aid responders:** Wear proper personal protective clothing and equipment.

**4.2. Most important symptoms and effects, both acute and delayed:**

Irritation. Pre-existing skin problems may be aggravated by prolonged or repeated contact. See section 11 for additional information.

**4.3. Indication of any immediate medical attention and special treatment needed:**

Treat symptomatically.

## SECTION 5: Firefighting measures

**5.1. Extinguishing media:**

**Suitable:** Use water spray, ABC dry chemical, foam or carbon dioxide. Water or foam may cause frothing. Use water to keep fire-exposed containers cool. Water spray may be used to flush spills away from exposures.

**Unsuitable:** None known.

**5.2. Special hazards arising from the substance or mixture:**

**Unusual fire/explosion hazards:** Product is not considered a fire hazard, but will burn if ignited. Closed container may rupture (due to build up in pressure) when exposed to extreme heat.

**Hazardous combustion products:** Irritating or toxic substances may be emitted upon burning, combustion or decomposition. See section 10 (10.6 Hazardous decomposition products) for additional information.

**5.3. Advice for firefighters:**

Wear self-contained breathing apparatus (SCBA) equipped with a full facepiece and operated in a pressure-demand mode (or other positive pressure mode) and approved protective clothing. Personnel without suitable respiratory protection must leave the area to prevent significant exposure to hazardous gases from combustion, burning or decomposition. In an enclosed or poorly ventilated area, wear SCBA during cleanup immediately after a fire as well as during the attack phase of firefighting operations.

See section 9 for additional information.

## SECTION 6: Accidental release measures

**6.1. Personal precautions, protective equipment and emergency procedures:**

See Section 8 for recommendations on the use of personal protective equipment. If spilled in an enclosed area, ventilate. Eliminate ignition sources. Personal Protective Equipment must be worn.

**6.2. Environmental precautions:**

Do not flush liquid into public sewer, water systems or surface waters.

**6.3. Methods and material for containment and cleaning up:**

Contain by diking with sand, earth or other non-combustible material. Wear proper personal protective clothing and equipment. Absorb spill with an inert material. Place into labeled, closed container; store in safe location to await disposal. Change contaminated clothing and launder before reuse.

**6.4. References to other sections:**

See Section 8 for recommendations on the use of personal protection and Section 13 for waste disposal.

## SECTION 7: Handling and storage

**7.1. Precautions for safe handling:**

As with any chemical product, use good laboratory/workplace procedures. Do not cut, puncture, or weld on or near the container. Wash thoroughly after handling this product. Always wash up before eating, smoking or using the facilities. Use under well-ventilated conditions. Avoid eye and skin contact. Avoid inhalation of aerosol, mist, spray, fume or vapor. Avoid drinking, tasting, swallowing or ingesting this product. Wash contaminated clothing before reuse. Discard shoes contaminated with this product. Provide eyewash fountains and safety showers in the work area.

**7.2. Conditions for safe storage, including any incompatibilities:**

Store cool and dry, under well-ventilated conditions. Keep away from heat, sparks and open flames. Store this material away from incompatible substances (see section 10). Do not store in open, unlabeled or mislabeled containers. Keep container closed when not in use. Do not reuse empty container without commercial cleaning or reconditioning. Empty container

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contains residual product which may exhibit hazards of product.

### 7.3. Specific end use(s):

No Additional Information

## SECTION 8: Exposure controls / personal protection

### 8.1. Control parameters:

#### Occupational exposure limits (OEL):

| <u>Chemical Name</u>               | <u>EU OELV</u> | <u>EU IOELV</u>    | <u>ACGIH - TWA/Ceiling</u> | <u>ACGIH - STEL</u> |
|------------------------------------|----------------|--------------------|----------------------------|---------------------|
| p-tert-Butyl phenyl glycidyl ether | N/E            | N/E                | N/E                        | N/E                 |
| <u>Chemical Name</u>               | <u>UK WEL</u>  | <u>Ireland OEL</u> |                            |                     |
| p-tert-Butyl phenyl glycidyl ether | N/E            | N/E                |                            |                     |

N/E=Not established (no exposure limits established for the listed substances for listed country/region/organization).

#### Derived No Effect Levels (DNELs) - Workers:

| <u>Chemical Name</u>               | <u>Inhalation-Acute (local)</u> | <u>Inhalation-Acute (systemic)</u> | <u>Inhalation-Long Term (local)</u> | <u>Inhalation-Long Term (systemic)</u> |
|------------------------------------|---------------------------------|------------------------------------|-------------------------------------|----------------------------------------|
| p-tert-Butyl phenyl glycidyl ether | N/E                             | N/E                                | N/E                                 | N/E                                    |
| <u>Chemical Name</u>               | <u>Dermal-Acute (local)</u>     | <u>Dermal-Acute (systemic)</u>     | <u>Dermal-Long Term (local)</u>     | <u>Dermal-Long Term (systemic)</u>     |
| p-tert-Butyl phenyl glycidyl ether | N/E                             | N/E                                | N/E                                 | N/E                                    |

#### Predicted No Effect Concentration (PNECs):

| <u>Chemical Name</u>               | <u>Freshwater</u>            | <u>Marine water</u>      | <u>Intermittent releases</u> | <u>Soil</u> |
|------------------------------------|------------------------------|--------------------------|------------------------------|-------------|
| p-tert-Butyl phenyl glycidyl ether | N/E                          | N/E                      | N/E                          | N/E         |
| <u>Chemical Name</u>               | <u>Sediment (freshwater)</u> | <u>Sediment (marine)</u> | <u>STP</u>                   | <u>Oral</u> |
| p-tert-Butyl phenyl glycidyl ether | N/E                          | N/E                      | N/E                          | N/E         |

N/E=Not established; N/A=Not applicable (not required); bw=body weight; dw=dry weight; ww=wet weight.

### 8.2. Exposure controls:

**Appropriate engineering controls:** Always provide effective general and, when necessary, local exhaust ventilation to draw spray, aerosol, fume, mist and vapor away from workers to prevent routine inhalation. Ventilation must be adequate to maintain the ambient workplace atmosphere below the exposure limit(s) outlined in the SDS.

#### Individual protection measures, such as personal protective equipment:

**Eye/face protection:** Safety glasses or goggles required.

**Hand protection:** Avoid skin contact when mixing or handling the material by wearing impervious and chemical resistant gloves. In case of prolonged immersion or frequently repeated contact, gloves with breakthrough times greater than 480 minutes (protection class 6) are recommended. For brief contact or splash applications, gloves with breakthrough times of 30 minutes or greater are recommended (protection class 2 or greater). Suggested materials for protective gloves: Butyl rubber, Nitrile rubber, Neoprene. The protective gloves to be used must comply with the specifications of the EC directive 89/686/EEC and the resultant standard EN 374. Suitability and durability of a glove is dependent on usage (e.g. frequency and duration of contact, other chemicals which may be handled, chemical resistance of glove material and dexterity). Always seek advice of the glove supplier as to the most suitable glove material.

**Skin and body protection:** Use good laboratory/workplace procedures including personal protective clothing: labcoat, safety glasses and protective gloves.

**Respiratory protection:** Wear an approved respirator (e.g., an organic vapor respirator, a full face air purifying respirator for organic vapors, or a self-contained breathing apparatus) whenever exposure to aerosol, mist, spray, fume or vapor exceed the applicable exposure limit(s) of any chemical substance listed in this SDS.

**Further information:** Eyewash fountains and safety showers are recommended in the work area.

**Environmental exposure controls:** See Sections 6 and 12.

## SECTION 9: Physical and chemical properties

### 9.1. Information on basic physical and chemical properties:

|                    |        |                          |               |
|--------------------|--------|--------------------------|---------------|
| <b>Form:</b>       | Liquid | <b>pH:</b>               | Not Available |
| <b>Appearance:</b> | Clear  | <b>Relative density:</b> | 1.01-1.03     |

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|                                      |                  |                                                 |                                                  |
|--------------------------------------|------------------|-------------------------------------------------|--------------------------------------------------|
| <b>Odour:</b>                        | Slight           | <b>Partition coefficient (n-octanol/water):</b> | 3.5 (calculated)                                 |
| <b>Odour threshold:</b>              | Not Available    | <b>% Volatile by weight:</b>                    | Not Available                                    |
| <b>Solubility in water:</b>          | Negligible       | <b>VOC:</b>                                     | Not Available                                    |
| <b>Evaporation rate:</b>             | Not Available    | <b>Boiling point °C:</b>                        | Not Available                                    |
| <b>Vapour pressure:</b>              | Not Available    | <b>Boiling point °F:</b>                        | Not Available                                    |
| <b>Vapour density:</b>               | Heavier than air | <b>Flash point:</b>                             | >121 °C (>250 °F) Closed Cup                     |
| <b>Viscosity:</b>                    | 20-30 cps @ 25°C | <b>Autoignition temperature:</b>                | Not Available                                    |
| <b>Melting point/Freezing point:</b> | Not Available    | <b>Flammability (solid, gas):</b>               | Not Applicable (liquid)                          |
| <b>Oxidising properties:</b>         | Not oxidizing    | <b>Flammability or explosive limits:</b>        | LFL/LEL: Not Available<br>UFL/UEL: Not Available |
| <b>Explosive properties:</b>         | Not explosive    |                                                 |                                                  |
| <b>Decomposition temperature:</b>    | Not Available    |                                                 |                                                  |

#### 9.2. Other information:

Amounts specified are typical and do not represent a specification.

## SECTION 10: Stability and reactivity

#### 10.1. Reactivity:

Exothermic reactions including polymerization may occur in contact with amines.

#### 10.2. Chemical stability:

This product is stable.

#### 10.3. Possibility of hazardous reactions:

Hazardous polymerization will not occur.

#### 10.4. Conditions to avoid:

Excessive heat and ignition sources.

#### 10.5. Incompatible materials:

Avoid strong acids, bases, and oxidizing agents. Avoid contact with amines.

#### 10.6. Hazardous decomposition products:

Thermal decomposition may produce smoke, carbon monoxide, carbon dioxide, aldehydes and other products of incomplete combustion.

## SECTION 11: Toxicological information

#### 11.1. Information on toxicological effects:

##### Information on likely routes of exposure:

**General:** Caution must be exercised through the prudent use of protective equipment and handling procedures to minimize exposure.

**Eyes:** Causes serious eye irritation.

**Skin:** May cause allergic skin reaction. Causes skin irritation.

**Inhalation:** High airborne concentrations of vapors resulting from heating, misting or spraying may cause irritation of the respiratory tract and mucous membranes.

**Ingestion:** Ingestion may cause irritation.

**Acute toxicity information:** Not classified (based on available data, the classification criteria are not met).

| <u>Chemical Name</u> | <u>Inhalation LC50</u> | <u>Species</u> | <u>Oral LD50</u> | <u>Species</u> | <u>Dermal LD50</u> | <u>Species</u> |
|----------------------|------------------------|----------------|------------------|----------------|--------------------|----------------|
|----------------------|------------------------|----------------|------------------|----------------|--------------------|----------------|

|                                                            |                                                 |                              |                                 |                              |                                   |                                 |
|------------------------------------------------------------|-------------------------------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------------|---------------------------------|
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Inhalation LC50</b><br>>3466 mg/m3 (4 hours) | <b>Species</b><br>Rat/ adult | <b>Oral LD50</b><br>>2000 mg/kg | <b>Species</b><br>Rat/ adult | <b>Dermal LD50</b><br>>2000 mg/kg | <b>Species</b><br>Rabbit/ adult |
|------------------------------------------------------------|-------------------------------------------------|------------------------------|---------------------------------|------------------------------|-----------------------------------|---------------------------------|

**Skin corrosion/irritation:** Causes skin irritation - Category 2.

|                                                            |                                             |                                 |
|------------------------------------------------------------|---------------------------------------------|---------------------------------|
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Skin irritation</b><br>Moderate irritant | <b>Species</b><br>Rabbit/ adult |
|------------------------------------------------------------|---------------------------------------------|---------------------------------|

**Serious eye damage/irritation:** Causes serious eye irritation - Category 2.

|                                                            |                                                 |                                 |
|------------------------------------------------------------|-------------------------------------------------|---------------------------------|
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Eye irritation</b><br>Mild-moderate irritant | <b>Species</b><br>Rabbit/ adult |
|------------------------------------------------------------|-------------------------------------------------|---------------------------------|

**Respiratory or skin sensitization:** Skin sensitization - Category 1.

|                                                            |                                         |                                     |
|------------------------------------------------------------|-----------------------------------------|-------------------------------------|
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Skin sensitisation</b><br>Sensitizer | <b>Species</b><br>Guinea Pig/ adult |
|------------------------------------------------------------|-----------------------------------------|-------------------------------------|

**Carcinogenicity:** Not classified.

**Germ cell mutagenicity:** Not classified. p-TERT-BUTYL PHENYL GLYCIDYL ETHER: Ames Salmonella Assay test: positive in TA100 strain and negative in TA1535, TA1537 and TA98 strains.

**Reproductive toxicity:** Not classified.

**Specific target organ toxicity (STOT) - single exposure:** Not classified.

**Specific target organ toxicity (STOT) - repeated exposure:** Not classified.

**Aspiration hazard:** Not classified (based on available data, the classification criteria are not met).

**Other toxicity information:** No additional information available.

## SECTION 12: Ecological information

### 12.1. Toxicity:

No ecological testing has been conducted on this product.

|                                                            |                                          |                                          |                                          |
|------------------------------------------------------------|------------------------------------------|------------------------------------------|------------------------------------------|
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Fish 96 hour LC50</b><br>N/E          | <b>Fish 96 hour LC50</b><br>N/E          | <b>Fish Chronic NOEC</b><br>N/E          |
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Invertebrates 48 hour EC50</b><br>N/E | <b>Invertebrates 24 hour EC50</b><br>N/E | <b>Invertebrates Chronic NOEC</b><br>N/E |
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Algae 96 hour EC50</b><br>N/E         | <b>Algae 72 hour EC50</b><br>N/E         | <b>Algae Chronic NOEC</b><br>N/E         |

### 12.2. Persistence and degradability:

|                                                            |                                                                   |
|------------------------------------------------------------|-------------------------------------------------------------------|
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Biodegradation</b><br>Not expected to be readily biodegradable |
|------------------------------------------------------------|-------------------------------------------------------------------|

### 12.3. Bioaccumulative potential:

|                                                            |                                             |                                    |
|------------------------------------------------------------|---------------------------------------------|------------------------------------|
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Bioconcentration Factor (BCF)</b><br>N/E | <b>Log Kow</b><br>3.5 (calculated) |
|------------------------------------------------------------|---------------------------------------------|------------------------------------|

### 12.4. Mobility in soil:

No specific information available.

|                                                            |                                          |
|------------------------------------------------------------|------------------------------------------|
| <b>Chemical Name</b><br>p-tert-Butyl phenyl glycidyl ether | <b>Mobility in soil (Koc/Kow)</b><br>N/E |
|------------------------------------------------------------|------------------------------------------|

### 12.5. Results of PBT and vPvB assessment:

Not Available

### 12.6. Other adverse effects:

No additional information available.

## SECTION 13: Disposal considerations

### 13.1. Waste treatment methods:

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Dispose of unused contents (incineration) in accordance with national and local regulations. Dispose of container in accordance with national and local regulations. Ensure the use of properly authorized waste management companies, where appropriate.

See Section 8 for recommendations on the use of personal protective equipment.

## SECTION 14: Transport information

The information below is provided to assist in documentation. It may supplement the information on the package. The package in your possession may carry a different version of the label depending on the date of manufacture. Depending on inner packaging quantities and packaging instructions, it may be subject to specific regulatory exceptions.

**14.1. UN number:** N/A

**14.2. UN proper shipping name:**

Not regulated - See Bill of Lading for Details

**14.3. Transport hazard class(es):**

**U.S. DOT hazard class:** N/A

**Canada TDG hazard class:** N/A

**Europe ADR/RID hazard class:** N/A

**IMDG Code (ocean) hazard class:** N/A

**ICAO/IATA (air) hazard class:** N/A

A "N/A" listing for the hazard class indicates the product is not regulated for transport by that regulation.

**14.4. Packing group:** N/A

**14.5. Environmental hazards:**

**Marine pollutant:** Not Applicable

**Hazardous substance (USA):** Not Applicable

**14.6. Special precautions for user:**

Not Applicable

**14.7. Transport in bulk according to Annex II of Marpol and the IBC Code:**

Not Applicable

## SECTION 15: Regulatory information

**15.1. Safety, health and environmental regulations/legislation specific for the substance or mixture**

**Europe REACH (EC) 1907/2006:** Not all applicable components are registered. Please contact your sales representative for further information regarding REACH compliance. REACH is only relevant to substances either manufactured or imported into the EU. REACH information regarding this product is provided for informational purposes only. Each Legal Entity may have differing REACH obligations, depending on their place in the supply chain. For material manufactured outside of the EU, the importer of record must understand and meet their specific obligations under the regulation.

**EU Authorizations and/or restrictions on use:** Not Applicable

**Other EU information:** No Additional Information

**National regulations:** No Additional Information

**Chemical inventories:**

**Regulation**

Australian Inventory of Chemical Substances (AICS):

Canadian Domestic Substances List (DSL):

Canadian Non-Domestic Substances List (NDSL):

China Inventory of Existing Chemical Substances (IECSC):

European EC Inventory (EINECS, ELINCS, NLP):

Japan Existing and New Chemical Substances (ENCS):

Japan Industrial Safety and Health Law (ISHL):

**Status**

Y

Y

N

Y

Y

Y

Y

**Regulation**

**Status**

Korean Existing and Evaluated Chemical Substances (KECL):

Y

New Zealand Inventory of Chemicals (NZIoC):

Y

Philippines Inventory of Chemicals and Chemical Substances (PICCS):

Y

Taiwan Inventory of Existing Chemicals:

Y

U.S. Toxic Substances Control Act (TSCA):

Y

A "Y" listing indicates all intentionally added components are either listed or are otherwise compliant with the regulation. A "N" listing indicates that for one or more components: 1) there is no listing on the public inventory; 2) no information is available; or 3) the component has not been reviewed. A "Y" for New Zealand may mean that a qualified group standard may exist for the components in this product.

**15.2. Chemical safety assessment:**

Not Applicable

**SECTION 16: Other information**

**Hazard (H) Statements in the Composition section (Section 3):**

H315 Causes skin irritation.  
H317 May cause an allergic skin reaction.  
H319 Causes serious eye irritation.  
H412 Harmful to aquatic life with long lasting effects.

**Reason for revision:** Changes in Section(s): 1, 15

**Evaluation method for classification of mixtures:** Not Applicable (substance)

**Legend:**

\* : Trademark owned by Emerald Performance Materials, LLC.  
ACGIH: American Conference of Governmental Industrial Hygienists  
EU OELV: European Union Occupational Exposure Limit Value  
EU IOELV: European Union Indicative Occupational Exposure Limit Value  
N/A: Not Applicable  
N/E: None Established  
STEL: Short Term Exposure Limit  
TWA: Time Weighted Average (exposure for 8-hour workday)

**Users Responsibility/Disclaimer of Liability:**

The information set forth herein is based on our current knowledge, and is intended to describe the product solely with respect to health, safety and the environment. As such, it must not be interpreted as a guarantee of any specific property of the product. As a result, the customer shall be solely responsible for deciding whether said information is suitable and beneficial.

Safety Data Sheet Preparer:  
Product Compliance Department  
Emerald Performance Materials, LLC  
1499 SE Tech Center Place, Suite 300  
Vancouver, WA 98683  
United States