



## Safety Data Sheet

### Prime Coat CTL – A Component

SDS Revision Date: 5/1/2015

#### Section 1. Product and company identification

**GHS product identifier** Prime Coat CTL – A Component  
**MSDS Number** K122F  
**Product type** Epoxy Resin  
**Material uses** Epoxy Resin Systems

**Manufacturer/Supplier/Importer** : Prime Resins.  
 2291 Plunkett Road  
 Conyers, Georgia  
 30012 USA

**Contact person** : talexander@primeresins.com

**Telephone** : For additional health and safety or regulatory information,  
 call 1 800 321 7212.

**Emergency telephone number** : For Emergency Medical Assistance  
 Call Health & Safety Information Services  
 1-800-424-9300

For Emergency Transportation Information  
 CHEMTREC US Domestic (800) 424-9300  
 CHEMTREC International (703) 527-3887  
 CANUTEC CA Domestic (613) 996-6666

#### Section 2. Hazards identification

**Classification of the substance or mixture** : SKIN CORROSION/IRRITATION - Category 2  
 SERIOUS EYE DAMAGE/ EYE IRRITATION - Category 2A  
 SKIN SENSITIZATION - Category 1  
 SPECIFIC TARGET ORGAN TOXICITY (SINGLE EXPOSURE)

**GHS label elements**

**Hazard pictograms**



**Signal word**

: Warning

**Hazard statements**

- : H315 Causes skin irritation.
- H319 Causes serious eye irritation.
- H317 May cause an allergic skin reaction.
- H335 May cause respiratory irritation.

**Precautionary statements**

**General**

: Not applicable.

**Prevention**

- : Wear protective gloves.
- Wear eye or face protection.
- Use only outdoors or in a well-ventilated area.
- Avoid breathing vapor.
- Wash hands thoroughly after handling.
- Contaminated work clothing should not be allowed out of the workplace.

**Response**

- : **IF INHALED:**
  - Remove victim to fresh air and keep at rest in a position comfortable for breathing.
  - Call a POISON CENTER or physician if you feel unwell.
- IF ON SKIN:**
  - Wash with plenty of soap and water.
  - Take off contaminated clothing.
  - Wash contaminated clothing before reuse.
  - If skin irritation or rash occurs:
    - Get medical attention.
- IF IN EYES:**
  - Rinse cautiously with water for several minutes.
  - Remove contact lenses, if present and easy to do. Continue rinsing.
  - If eye irritation persists:
    - Get medical attention.

**Storage**

: Store locked up.

**Disposal**

: Dispose of contents and container in accordance with all local, regional, national and international regulations.

**Other hazards which do not result known. in classification**

: None

## Section 3. Composition/information on ingredients

**Substance/mixture** : Mixture

| Ingredient name                                       | % by weight | CAS number |
|---|-------------|------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer | 100         | 25068-38-6 |

There are no additional ingredients present which, within the current knowledge of the supplier and in the concentrations applicable, are classified as hazardous to health or the environment and hence require reporting in this section.

Occupational exposure limits, if available, are listed in Section 8.

## Section 4. First aid measures

### Description of necessary first aid measures

- Eye contact** : Immediately flush eyes with plenty of water, occasionally lifting the upper and lower eyelids. Check for and remove any contact lenses.  
Continue to rinse for at least 10 minutes. Get medical attention.
- Inhalation** : Remove victim to fresh air and keep at rest in a position comfortable for breathing. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. If not breathing, if breathing is irregular or if respiratory arrest occurs, provide artificial respiration or oxygen by trained personnel. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Get medical attention. If necessary, call a poison center or physician. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.
- Skin contact** : Wash with plenty of soap and water. Remove contaminated clothing and shoes. Wash contaminated clothing thoroughly with water before removing it, or wear gloves. Continue to rinse for at least 10 minutes. Get medical attention. In the event of any complaints or symptoms, avoid further exposure. Wash clothing before reuse. Clean shoes thoroughly before reuse.
- Ingestion** : Wash out mouth with water. Remove dentures if any. Remove victim to fresh air and keep at rest in a position comfortable for breathing. If material has been swallowed and the exposed person is conscious, give small quantities of water to drink. Stop if the exposed person feels sick as vomiting may be dangerous. Do not induce vomiting unless directed to do so by medical personnel. If vomiting occurs, the head should be kept low so that vomit does not enter the lungs. Get medical attention if adverse health effects persist or are severe. Never give anything by mouth to an unconscious person. If unconscious, place in recovery position and get medical attention immediately. Maintain an open airway. Loosen tight clothing such as a collar, tie, belt or waistband.

**Indication of immediate medical attention and special treatment needed, if necessary**

- Notes to physician** : Treat symptomatically. Contact poison treatment specialist immediately if large quantities have been ingested or inhaled.
- Specific treatments** : No specific treatment.
- Protection of first aid personnel** : No action shall be taken involving any personal risk or without suitable training. If it is suspected that fumes are still present, the rescuer should wear an appropriate mask or self-contained breathing apparatus. It may be dangerous to the person providing aid to give mouth-to-mouth resuscitation. Wash contaminated clothing thoroughly with water before removing it, or wear gloves.

See toxicological information (Section 11)

## **Section 5. Fire-fighting measures**

### **Extinguishing media**

**Suitable extinguishing media** : Use an extinguishing agent suitable for the surrounding fire.  
**Unsuitable extinguishing media** : None known.

**Specific hazards arising from the chemical** : In a fire or if heated, a pressure increase will occur and the container may burst.

- Hazardous thermal decomposition products** : Decomposition products may include the following materials: carbon dioxide carbon monoxide halogenated compounds
- Special protective actions for firefighters** : Promptly isolate the scene by removing all persons from the vicinity of the incident if there is a fire. No action shall be taken involving any personal risk or without suitable training.
- Special protective equipment for fire-fighters** : Fire-fighters should wear appropriate protective equipment and self-contained breathing apparatus (SCBA) with a full face-piece operated in positive pressure mode.

## **Section 6. Accidental release measures**

### **Personal precautions, protective equipment and emergency procedures**

- For non-emergency personnel** : No action shall be taken involving any personal risk or without suitable training. Evacuate surrounding areas. Keep unnecessary and unprotected personnel from entering. Do not touch or walk through spilled material. Avoid breathing vapor or mist. Provide adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Put on appropriate personal protective equipment.
- For emergency responders** : If specialised clothing is required to deal with the spillage, take note of any information in Section 8 on suitable and unsuitable materials. See also the information in "For non-emergency personnel".
- Environmental precautions** : Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers. Inform the relevant authorities if the product has caused environmental pollution (sewers, waterways, soil or air).

### **Methods and materials for containment and cleaning up**

- Small spill** : Stop leak if without risk. Move containers from spill area. Dilute with water and mop up if water-soluble. Alternatively, or if water-insoluble, absorb with an inert dry material and place in an appropriate waste disposal container. Dispose of via a licensed waste disposal contractor.
- Large spill** : Stop leak if without risk. Move containers from spill area. Approach release from upwind. Prevent entry into sewers, water courses, basements or confined areas. Wash spillages into an effluent treatment plant or proceed as follows. Contain and collect spillage with noncombustible, absorbent material e.g. sand, earth, vermiculite or diatomaceous earth and place in container for disposal according to local regulations (see section 13 of SDS). Dispose of via a licensed waste disposal contractor. Contaminated absorbent material may pose the same hazard as the spilled product. Note: see section 1 of SDS for emergency contact information and section 13 of SDS for waste disposal.

## Section 7. Handling and storage

### Precautions for safe handling

- Protective measures** Put on appropriate personal protective equipment (see section 8 of SDS). Persons with a history of skin sensitization problems should not be employed in any process in which this product is used. Do not get in eyes or on skin or clothing. Do not ingest. Avoid breathing vapor or mist. Use only with adequate ventilation. Wear appropriate respirator when ventilation is inadequate. Keep in the original container or an approved alternative made from a compatible material, kept tightly closed when not in use. Empty containers retain product residue and can be hazardous. Do not reuse container.
- Advice on general occupational hygiene** : Eating, drinking and smoking should be prohibited in areas where this material is handled, stored and processed. Workers should wash hands and face before eating, drinking and smoking. Remove contaminated clothing and protective equipment before entering eating areas. See also Section 8 for additional information on hygiene measures.
- Conditions for safe storage, including any incompatibilities** : Store in accordance with local regulations. Store in original container protected from direct sunlight in a dry, cool and well-ventilated area, away from incompatible materials (see section 10 of SDS) and food and drink. Store locked up. Keep container tightly closed and sealed until ready for use. Containers that have been opened must be carefully resealed and kept upright to prevent leakage. Do not store in unlabeled containers. Use appropriate containment to avoid environmental contamination.

## Section 8. Exposure controls/personal protection

### Control parameters

#### Occupational exposure limits

None.

- Recommended monitoring procedures** : If this product contains ingredients with exposure limits, personal, workplace atmosphere or biological monitoring may be required to determine the effectiveness of the ventilation or other control measures and/or the necessity to use respiratory protective equipment. Reference should be made to appropriate monitoring standards. Reference to national guidance documents for methods for the determination of hazardous substances will also be required.
- Appropriate engineering controls** : Use only with adequate ventilation. If user operations generate dust, fumes, gas, vapor or mist, use process enclosures, local exhaust ventilation or other engineering controls to keep worker exposure to airborne contaminants below any recommended or statutory limits.

**Environmental exposure controls :** Emissions from ventilation or work process equipment should be checked to ensure they comply with the requirements of environmental protection legislation. In some cases, fume scrubbers, filters or engineering modifications to the process equipment will be necessary to reduce emissions to acceptable levels.

### **Individual protection measures**

**Hygiene measures :** Wash hands, forearms and face thoroughly after handling chemical products, before eating, smoking and using the lavatory and at the end of the working period. Appropriate techniques should be used to remove potentially contaminated clothing. Contaminated work clothing should not be allowed out of the workplace. Wash contaminated clothing before reusing. Ensure that eyewash stations and safety showers are close to the workstation location.

**Eye/face protection :** Safety eyewear complying with an approved standard should be used when a risk assessment indicates this is necessary to avoid exposure to liquid splashes, mists, gases or dusts. If contact is possible, the following protection should be worn, unless the assessment indicates a higher degree of protection: chemical splash goggles.

### **Skin protection**

**Hand protection :** Chemical-resistant, impervious gloves complying with an approved standard should be worn at all times when handling chemical products if a risk assessment indicates this is necessary. Considering the parameters specified by the glove manufacturer, check during use that the gloves are still retaining their protective properties. It should be noted that the time to breakthrough for any glove material may be different for different glove manufacturers. In the case of mixtures, consisting of several substances, the protection time of the gloves cannot be accurately estimated.

**Body protection :** Personal protective equipment for the body should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Other skin protection :** Appropriate footwear and any additional skin protection measures should be selected based on the task being performed and the risks involved and should be approved by a specialist before handling this product.

**Respiratory protection :** Use a properly fitted, air-purifying or air-fed respirator complying with an approved standard if a risk assessment indicates this is necessary. Respirator selection must be based on known or anticipated exposure levels, the hazards of the product and the safe working limits of the selected respirator.

## **Section 9. Physical and chemical properties**

### **Appearance**

**Physical state :** Viscous liquid.

|   |   |  |
|---|---|--|
| <b>Color</b>  | : | Clear.   |
| <b>Odor</b>   | : | Not available  |
| <b>Odor threshold</b>                               | : | Not available  |
| <b>pH</b>   | : | Not available  |
| <b>Melting point/ Freezing point</b>                | : | Not available  |
| <b>Boiling point</b>                                | : | 260 °C (500.00 °F)   |
| <b>Flash point</b>                                  | : | Pensky-Martens Closed Cup: 251 °C (483.80 °F) (ASTM D 93)            |
| <b>Burning time</b>                                 | : | Not available  |
| <b>Burning rate</b>                                 | : | Not available  |
| <b>Evaporation rate</b>                             | : | Not available  |
| <b>Flammability (solid, gas)</b>                    | : | Not available  |
| <b>Lower and upper explosive (flammable) limits</b> | : | <b>Lower:</b> Not available<br><b>Upper:</b> Not available           |
| <b>Vapor pressure</b>                               | : | 0.03 mbar @ 77 °C (170.60 °F)  |
| <b>Vapor density</b>                                | : | Not available  |
| <b>Relative density</b>                             | : | 1.17   |
| <b>Solubility</b>                                   | : | Not available  |
| <b>Solubility in water</b>                          | : | Negligible   |
| <b>Partition coefficient: noctanol/water</b>        | : | Not available  |
| <b>Auto-ignition temperature</b>                    | : | Not available  |
| <b>Decomposition temperature</b>                    | : | Not available  |
| <b>SADT</b>   | : | Not available  |
| <b>Viscosity</b>                                    | : | <b>Dynamic:</b> Not available<br><br><b>Kinematic:</b> Not available |

**Other information** No additional information.

## Section 10. Stability and reactivity

|                           |   |                                 |
|---------------------------|---|---------------------------------|
| <b>Reactivity</b>         | : | Stable under normal conditions. |
| <b>Chemical stability</b> | : | The product is stable.          |
|                           | : |                                 |



- Possibility of hazardous reactions** : Under normal conditions of storage and use, hazardous reactions will not occur.
  
- Conditions to avoid** : Extremes of temperature and direct sunlight.
- Incompatible materials** :  
 Reactive or incompatible with the following materials: aliphatic amines, strong oxidizing agents, strong acids,
  
- Hazardous decomposition products** :  
 Under normal conditions of storage and use, hazardous decomposition products should not be produced.  
 Reacts with considerable heat release with some curing agents.
- Other hazards**

## Section 11. Toxicological information

### Information on toxicological effects

#### Acute toxicity

| Product/ingredient name                               | Result      | Species | Dose         | Exposure |
|---|-------------|---------|--------------|----------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer |             |         |              |          |
|   | LD50 Oral   | Rat     | 11,400 mg/kg | -        |
|   | LD50 Dermal | Rat     | 2,000 mg/kg  | -        |

**Conclusion/Summary** : Not available

#### Irritation/Corrosion

| Product/ingredient name                               | Result  | Species | Score     | Exposure | Observation |
|---|---|---------|-----------|----------|-------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer | Skin - Erythema/E schar 404 Acute Dermal Irritation/Corrosion | Rabbit  | 1.5 - 2   |          | -           |
|   | Skin - Edema 404 Acute Dermal Irritation/Corrosion            | Rabbit  | 1.0 - 1.5 |          | -           |
|   | eyes - - 405 Acute Eye Irritation/Corrosion                   | Rabbit  | 0         |          | -           |

|  |                                   |        |     |        |   |
|--|-----------------------------------|--------|-----|--------|---|
|  | eyes - Redness of the conjunctiva | Rabbit | 0.7 |        | - |
|  | Skin - Moderate irritant          | Rabbit |     | 24 hrs | - |
|  | Skin - Severe irritant            | Rabbit |     | 24 hrs | - |
|  | eyes - Mild irritant              | Rabbit |     |        | - |

**Conclusion/Summary**

**Skin** : Not available  
**eyes** : Not available  
**Respiratory** : Not available

**Sensitization**

**Conclusion/Summary**

**Skin** : Not available  
**Respiratory** : Not available

**Mutagenicity**

**Conclusion/Summary** : Not available

**Carcinogenicity**

**Conclusion/Summary** Not available

**Reproductive toxicity**

| Product/ingredient name                                | Maternal toxicity   | Fertility | Development toxin | Species | Dose | Exposure |
|--|---|-----------|-------------------|---------|------|----------|
| 4,4'-Isopropylidenediphenol -Epichlorohydrin Copolymer | -   | -         | -                 | -       | -    | -        |
| <b>Remarks:</b>  | No adverse reproductive effects were observed in an O.E.C.D. Test Guideline no. 416 GLP twogeneration rat oral gavage study conducted up to a high dose level of 750 mg/kg/day that resulted in adult body weight decrements. |           |                   |         |      |          |

**Conclusion/Summary** : Not available

**Teratogenicity**

**Conclusion/Summary** : Not available  
 :

**Specific target organ toxicity (single exposure)**

| Product/ingredient name                               | Category   | Route of exposure | Target organs                |
|---|------------|-------------------|------------------------------|
| 4,4'-Isopropylidenediphenol-Epichlorohydrin Copolymer | Category 3 |                   | Respiratory tract irritation |

**Specific target organ toxicity (repeated exposure)**

Not available

**Aspiration hazard**

Not available

Information on the likely routes of : Not available exposure

**Potential acute health effects**

- Eye contact** : Causes serious eye irritation.
- Inhalation** : May cause respiratory irritation.
- Skin contact** : Causes skin irritation. May cause an allergic skin reaction. **Ingestion** : Irritating to mouth, throat and stomach.

**Symptoms related to the physical, chemical and toxicological characteristics**

- Eye contact** : Adverse symptoms may include the following:  
pain or irritation  
watering  
redness
- Inhalation** : Adverse symptoms may include the following: respiratory tract irritation  
coughing
- Skin contact** : Adverse symptoms may include the following: irritation redness
- Ingestion** : No specific data.

**Delayed and immediate effects and also chronic effects from short and long term exposure**

**Short term exposure**

Potential immediate effects : Not available  
 Potential delayed effects : Not available

**Long term exposure**

Potential immediate effects : Not available  
 Potential delayed effects : Not available

**Potential chronic health effects**

Conclusion/Summary : Not available

General : Once sensitized, a severe allergic reaction may occur when subsequently exposed to very low levels.  
 Carcinogenicity : No known significant effects or critical hazards.  
 Mutagenicity : No known significant effects or critical hazards.  
 Teratogenicity : No known significant effects or critical hazards.  
 Developmental effects : No known significant effects or critical hazards.  
 Fertility effects : No known significant effects or critical hazards.

**Numerical measures of toxicity**

**Acute toxicity estimates**

Not available

|   |
|---|
| <b>Section 12. Ecological information</b> |
|---|

**Toxicity**

| Product/ingredient name   | Result  | Species                           | Exposure |
|---|---|-----------------------------------|----------|
| reaction product: bisphenol-A-(epichlorhydrin); epoxy resin (number average molecular weight < 700) |   |                                   |          |
|   | Acute LC50 1.3 mg/l - 203 Fish, Acute Toxicity Test                                   | Fish - Fish                       | 96 h     |
|   | Acute EC50 2.1 mg/l - 202 Daphnia sp. Acute Immobilization Test and Reproduction Test | Aquatic invertebrates. Water flea | 48 h     |
|   | Acute NOEC 0.3 mg/l - 211 Daphnia Magna Reproduction Test                             | Aquatic invertebrates. Water flea | 21 d     |
|   | Acute LC50 > 11 mg/l -  | Aquatic plants - Algae            | 72 h     |

Conclusion/Summary : Not available

**Persistence/degradability** : Not available

**Conclusion/Summary**

**Bioaccumulative potential**

| Product/ingredient name      | LogPow      | BCF          | Potential |
|------------------------------|-------------|--------------|-----------|
| 4,4'-Isopropylidenediphenol- | 2.64 - 3.78 | 3 - 31 31.00 | low       |
| Epichlorohydrin Copolymer    |             |              |           |

**Mobility in soil**

**Soil/water partition coefficient available (KOC)** : Not  
**Other adverse effects** : No known significant effects or critical hazards.

**Section 13. Disposal considerations**

**Disposal methods** : The generation of waste should be avoided or minimized wherever possible. Disposal of this product, solutions and any by-products should at all times comply with the requirements of environmental protection and waste disposal legislation and any regional local authority requirements. Dispose of surplus and non-recyclable products via a licensed waste disposal contractor. Waste should not be disposed of untreated to the sewer unless fully compliant with the requirements of all authorities with jurisdiction. Waste packaging should be recycled. Incineration or landfill should only be considered when recycling is not feasible. This material and its container must be disposed of in a safe way. Care should be taken when handling emptied containers that have not been cleaned or rinsed out. Empty containers or liners may retain some product residues. Avoid dispersal of spilled material and runoff and contact with soil, waterways, drains and sewers.

**Section 14. Transport information**

The data provided in this section is for information only and may not be specific to your package size or mode of transport. You will need to apply the appropriate regulations to properly classify your shipment for transportation.

**International transport regulations**

| Regulatory information number | UN/NA Proper shipping name | Classes/*PG | Reportable Quantity (RQ) |
|-------------------------------|----------------------------|-------------|--------------------------|
| CFR                           | Non-regulated              |             |                          |

**TDG** Non-regulated

**IMO/IMDG** Non-regulated

**IATA (Cargo)** Non-regulated

\*PG : Packing group

**Special precautions for user** : Transport within user’s premises: always transport in closed containers that are upright and secure. Ensure that persons transporting the product know what to do in the event of an accident or spillage.’

## Section 15. Regulatory information

### United States

**U.S. Federal regulations** : **United States - TSCA 12(b) - Chemical export notification:** None required.  
**United States - TSCA 5(a)2 - Final significant new use rules:** Not listed  
**United States - TSCA 5(a)2 - Proposed significant new use rules:** Not listed  
**United States - TSCA 5(e) - Substances consent order:** Not listed

**California Prop. 65:** : WARNING: This product contains less than 0.1% of a chemical known to the State of California to cause cancer.

| Ingredient name            | Cancer | Reproductive | No significant risk level | Maximum acceptable dosage level |
|----------------------------|--------|--------------|---------------------------|---------------------------------|
| Oxirane, 2-(phenoxyethyl)- | Yes.   | No.          | 5 µg/day                  | No.                             |

**United States inventory (TSCA 8b)** : All components are listed or exempted.

### Canada

**WHMIS (Canada)** : Class D-2B: Material causing other toxic effects (Toxic).

### Canadian lists

**Canadian NPRI** : None required.

**CEPA Toxic substances** : None required.

**International regulations**

**International lists** :

- Australia inventory (AICS):** All components are listed or exempted.
- Canada inventory:** All components are listed or exempted.
- Japan inventory:** All components are listed or exempted.
- China inventory (IECSC):** All components are listed or exempted.
- Korea inventory:** All components are listed or exempted.
- New Zealand Inventory (NZIoC):** All components are listed or exempted.
- Philippines inventory (PICCS):** All components are listed or exempted.
- United States inventory (TSCA 8b):** All components are listed or exempted.
- Taiwan inventory (CSNN):** All components are listed or exempted.

|                                      |
|--------------------------------------|
| <b>Section 16. Other information</b> |
|--------------------------------------|

**Hazardous Material Information System III (U.S.A.) :**

|                         |   |   |
|-------------------------|---|---|
| <b>Health</b>           | * | 2 |
| <b>Flammability</b>     |   | 1 |
| <b>Physical hazards</b> |   | 0 |
|                         |   |   |

**Caution: HMIS® ratings are based on a 0-4 rating scale, with 0 representing minimal hazards or risks, and 4 representing significant hazards or risks. Although HMIS® ratings are not required on MSDSs under 29 CFR 1910.1200, the preparer may choose to provide them. HMIS® ratings are to be used with a fully implemented HMIS® program. HMIS® is a registered mark of the National Paint & Coatings Association (NPCA).**

**HMIS® materials may be purchased exclusively from J. J. Keller (800) 327-6868. The customer is responsible for determining the PPE code for this material.**

**Full text of abbreviated H statements** : Not applicable.

**History**

**Date of printing** : 05/21/2015  
**Date of issue/Date of revision** : 02/03/2015  
**Date of previous issue** : 05/28/2014  
**Version** : 19.0  
**Prepared by** : Product Safety Stewardship

**Key to abbreviations**

- : ATE = Acute Toxicity Estimate
  - BCF = Bioconcentration Factor
  - GHS = Globally Harmonized System of Classification and Labelling of Chemicals
  - IATA = International Air Transport Association
  - IBC = Intermediate Bulk Container
  - IMDG = International Maritime Dangerous Goods
  - LogPow = logarithm of the octanol/water partition coefficient
  - MARPOL 73/78 = International Convention for the Prevention of Pollution From Ships, 1973 as modified by the Protocol of 1978. ("Marpol" = marine pollution)
  - RID = The Regulations concerning the International Carriage of Dangerous Goods by Rail
  - UN = United Nations
- References** : Not available

**Notice to reader**

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

End of Document





**Safety Data Sheet**  
**Prime Coat CTL - Component B**  
SDS Revision date: 11/03/2016

**1. Identification**

**1.1. Product identifier**

**Product Identity** Prime Coat CTL - Component B  
**Alternate Names** Prime Coat CTL - Component B

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

**Intended use** Coal Tar Epoxy Hardener  
**Application Method** See Technical Data Sheet.

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

**Company Name** Prime Resins, Inc.  
2291 Plunkett Road  
Conyers, GA 30012

**Emergency**

**CHEMTREC (USA)** (800) 424-9300  
**24 hour Emergency Telephone No.** For International Calls +1 703-527-3887  
**Customer Service: Prime Resins, Inc.** (770) 388-0626

**2. Hazard(s) identification**

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

|                        |  |
|------------------------|--|
| Flam. Liq. 3;H226      | Flammable liquid and vapor.  |
| Skin Irrit. 2;H315     | Causes skin irritation.  |
| Eye Dam. 1;H318        | Causes serious eye damage.   |
| Skin Sens. 1;H317      | May cause an allergic skin reaction.   |
| Muta. 1B;H340          | May cause genetic defects.   |
| Carc. 1A;H350          | May cause cancer.  |
| Repr. 1B;H360FD        | May damage fertility. May damage the unborn child.   |
| STOT RE 2;H373         | May cause damage to organs through prolonged or repeated exposure. Specific Target Organs: ( hearing organs) |
| Aquatic Chronic 1;H410 | Very toxic to aquatic life with long lasting effects   |

**2.2. Label elements**

Using the Toxicity Data listed in section 11 and 12 the product is labeled as follows.



**Safety Data Sheet**  
**Prime Coat CTL - Component B**  
SDS Revision date: 11/03/2016



**Danger**

H226 Flammable liquid and vapor.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H340 May cause genetic defects.

H350 May cause cancer.

H360FD\* May damage fertility. May damage the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H410 Very toxic to aquatic life with long lasting effects.

**[Prevention]:**

P201 Obtain special instructions before use.

P202 Do not handle until all safety precautions have been read and understood.

P210 Keep away from heat / sparks / open flames / hot surfaces - No smoking.

P235 Keep cool.

P240 Ground / bond container and receiving equipment.

P241 Use explosion-proof electrical / ventilating / light / equipment.

P242 Use only non-sparking tools.

P243 Take precautionary measures against static discharge.

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

P262 Do not get in eyes, on skin, or on clothing.

P264 Wash 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 / eye protection / face protection.

**[Response]:**

P301+310 IF SWALLOWED: Immediately call a POISON CENTER or doctor / physician.

P302+352 IF ON SKIN: Wash with plenty of soap and water.

P303+361+353 IF ON SKIN (or hair): Remove / Take off immediately all contaminated clothing. Rinse skin with water / shower.

P305+351+338 IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and



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easy to do - continue rinsing.  
 P308+313 IF exposed or concerned: Get medical advice / attention.  
 P310 Immediately call a POISON CENTER or doctor / physician.  
 P314 Get Medical advice / attention if you feel unwell.  
 P321 Specific treatment (see information on this label).  
 P331 Do NOT induce vomiting.  
 P333+313 If skin irritation or a rash occurs: Get medical advice / attention.  
 P362 Take off contaminated clothing and wash before reuse.  
 P363 Wash contaminated clothing before reuse.  
 P370+378 In case of fire: Use extinguishing media listed in section 5 of SDS for extinction.  
 P391 Collect spillage.

**[Storage]:**

P403+233 Store in a well ventilated place. Keep container tightly closed.  
 P405 Store locked up.

**[Disposal]:**

P501 Dispose of contents / container in accordance with local / national regulations.

**3. Composition/information on ingredients**

This product contains the following substances that present a hazard within the meaning of the relevant State and Federal Hazardous Substances regulations.

| Ingredient/Chemical Designations                                  | Weight % | GHS Classification  | Notes  |
|---|----------|---|--------|
| Calcium carbonate<br>CAS Number: 0000471-34-1                     | 50 - 75  | Not Classified  | [1][2] |
| Coal tar pitch<br>CAS Number: 0065996-93-2                        | 50 - 75  | Carc. 1A;H350<br>Muta. 1B;H340<br>Repr. 1B;H360Fd<br>Aquatic Acute 1;H400<br>Aquatic Chronic 1;H410 | [1][2] |
| Polyamide Resin<br>CAS Number: 0068082-29-1                       | 10 - 25  | Skin Irrit. 2;H315<br>Skin Sens. 1;H317<br>Eye Dam. 1;H318<br>Aquatic Chronic 3;H412                | [1]    |
| 2,4,6-Tris(dimethylaminomethyl)phenol<br>CAS Number: 0000090-72-2 | 1.0 - 10 | Acute Tox. 4;H302<br>Eye Irrit. 2;H319<br>Skin Irrit. 2;H315  | [1]    |
| Ethyl Benzene<br>CAS Number: 0000100-41-4                         | 1.0 - 10 | Flam. Liq. 2;H225<br>Acute Tox. 4;H332<br>STOT RE 2;H373<br>Asp. Tox. 1;H304                        | [1][2] |



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|                                      |          |   |        |
|--------------------------------------|----------|---|--------|
| p-Xylene<br>CAS Number: 0000106-42-3 | 1.0 - 10 | Flam. Liq. 3;H226<br>Acute Tox. 4;H332<br>Acute Tox. 4;H312<br>Skin Irrit. 2;H315 | [1][2] |
| m-xylene<br>CAS Number: 0000108-38-3 | 1.0 - 10 | Flam. Liq. 3;H226<br>Acute Tox. 4;H332<br>Acute Tox. 4;H312<br>Skin Irrit. 2;H315 | [1][2] |

In accordance with paragraph (i) of §1910.1200, the specific chemical identity and/or exact percentage (concentration) of composition has been withheld as a trade secret.

[1] Substance classified with a health or environmental hazard.

[2] Substance with a workplace exposure limit.

[3] PBT-substance or vPvB-substance.

\*The full texts of the phrases are shown in Section 16.

## 4. First aid measures

### 4.1. Description of first aid measures

|                   |   |
|-------------------|---|
| <b>General</b>    | In all cases of doubt, or when symptoms persist, seek medical attention.<br>Never give anything by mouth to an unconscious person.  |
| <b>Inhalation</b> | Remove to fresh air, keep patient warm and at rest. If breathing is irregular or stopped, give artificial respiration. If unconscious place in the recovery position and obtain immediate medical attention. Give nothing by mouth. |
| <b>Eyes</b>       | Irrigate copiously with clean water for at least 15 minutes, holding the eyelids apart and seek medical attention.  |
| <b>Skin</b>       | In case of contact, immediately flush skin with plenty of water while removing contaminated clothing and shoes. Launder clothing before reuse. If rash or irritation develops, consult a physician.                                 |
| <b>Ingestion</b>  | If swallowed obtain immediate medical attention. Keep at rest. Do NOT induce vomiting.  |

### 4.2. Most important symptoms and effects, both acute and delayed

**Overview** Contains Coal Tar which can cause cancer. Contains Aromatic Distillate which can cause cancer. Risk of Cancer depends on duration and level of exposure.

**Eyes:** Can cause eye burns.

**Skin:** Can cause skin burns. Can cause allergic skin reaction.

**Inhalation:** Harmful if inhaled, may affect the brain or nervous system, causing dizziness, headache, or nausea. May cause nose and throat irritation. May cause lung irritation. May cause allergic respiratory reaction, effects may be permanent.



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**Ingestion:** Harmful if swallowed.

Reproductive or genetic defect hazard. See section 2 for further details.

**Eyes**

Causes serious eye damage.

**Skin**

May cause an allergic skin reaction. Causes skin irritation.

## 5. Fire-fighting measures

### 5.1. Extinguishing media

Water, carbon dioxide, dry chemical, alcohol foam

### 5.2. Special hazards arising from the substance or mixture

Hazardous decomposition: Carbon monoxide, nitrogen oxides, and unidentified organic compounds. Consider all smoke and fumes from burning material as very hazardous. Welding, cutting or abrasive grinding can create smoke and fumes. Do not breathe any fumes or smoke from these operations.

Keep away from heat / sparks / open flames / hot surfaces - No smoking.

Keep cool.

Ground / bond container and receiving equipment.

Use explosion-proof electrical / ventilating / light / equipment.

Use only non-sparking tools.

Take precautionary measures against static discharge.

Avoid breathing dust / fume / gas / mist / vapors / spray.

Do not get in eyes, on skin, or on clothing.

### 5.3. Advice for fire-fighters

Flammable Liquid. Vapors are heavier than air and will accumulate. Vapors will form explosive concentrations with air. Vapors travel long distances and will flashback. Use mechanical ventilation when necessary to keep percent vapor below the Lower Explosion Level (LEL). Eliminate all ignition sources. Keep away from sparks, open flames and heat sources. All electric equipment and installations should be made and grounded in accordance with the National Electrical Code. In areas where explosion hazards exist, workers should be required to use non-ferrous tools and to wear conductive and nonsparking shoes.

Cool fire-exposed containers using water spray.

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**6. Accidental release measures**

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

Put on appropriate personal protective equipment (see section 8).

**6.2. Environmental precautions**

Do not allow spills to enter drains or waterways.

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

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

**For major spills call Chemtrec (800-424-9300).**

Eliminate all ignition sources. Handling equipment must be grounded to prevent sparking. Evacuate the area of unprotected personnel. Wear appropriate personal protection clothing and equipment. Follow exposure controls/personal protection guidelines in Section 8. Contain and soak up residual with an absorbent (clay or sand). Take up absorbant material and seal tightly for proper disposal. Dispose of in accordance with local, state and federal regulations. Refer to Section 15 for SARA Title III and CERCLA information. Use self-contained breathing apparatus and chemically protective clothing. Wear suitable protective clothing, gloves and eye/face protection. Evacuate personnel to safe areas.

**7. Handling and storage**

**7.1. Precautions for safe handling**

Do not get in eyes, on skin, or on clothing. Avoid breathing vapors or spray mist. Wash thoroughly after handling. If pouring or transferring materials, ground all containers and tools. Do not weld, heat, cut or drill on full or empty containers. Use only in accordance with application instructions, container label, and Product Data Sheet. Keep container tightly closed when not in use.

See section 2 for further details. - [Prevention]:

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

Handle containers carefully to prevent damage and spillage.

Naked flames and smoking should not be permitted in storage areas. It is recommended that fork lift trucks and electrical equipment are protected to the appropriate standard.

Incompatible materials: Avoid heat, flame and strong oxidizing agents.

Store in a cool, dry place with adequate ventilation. Keep containers closed.

See section 2 for further details. - [Storage]:

**7.3. Specific end use(s)**

No data available.



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**8. Exposure controls and personal protection**

**8.1. Control parameters**

**Exposure**

| CAS No.      | Ingredient                            | Source   | Value  |
|--------------|---------------------------------------|----------|--|
| 0000090-72-2 | 2,4,6-Tris(dimethylaminomethyl)phenol | OSHA     | No Established Limit   |
|              |                                       | ACGIH    | No Established Limit   |
|              |                                       | NIOSH    | No Established Limit   |
|              |                                       | Supplier | No Established Limit   |
| 0000100-41-4 | Ethyl Benzene                         | OSHA     | TWA 100 ppm (435 mg/m <sup>3</sup> ) STEL 125 ppm                        |
|              |                                       | ACGIH    | TWA: 20 ppm <sup>2B</sup> , Revised 2011,                                |
|              |                                       | NIOSH    | TWA 100 ppm (435 mg/m <sup>3</sup> ) ST 125 ppm (545 mg/m <sup>3</sup> ) |
|              |                                       | Supplier | No Established Limit   |
| 0000106-42-3 | p-Xylene                              | OSHA     | TWA 100 ppm (435 mg/m <sup>3</sup> )                                     |
|              |                                       | ACGIH    | No Established Limit   |
|              |                                       | NIOSH    | TWA 100 ppm (435 mg/m <sup>3</sup> ) ST 150 ppm (655 mg/m <sup>3</sup> ) |
|              |                                       | Supplier | No Established Limit   |
| 0000108-38-3 | m-xylene                              | OSHA     | TWA 100 ppm (435 mg/m <sup>3</sup> )                                     |
|              |                                       | ACGIH    | No Established Limit   |
|              |                                       | NIOSH    | TWA 100 ppm (435 mg/m <sup>3</sup> ) ST 150 ppm (655 mg/m <sup>3</sup> ) |
|              |                                       | Supplier | No Established Limit   |
| 0000471-34-1 | Calcium carbonate                     | OSHA     | TWA 10 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)          |
|              |                                       | ACGIH    | No Established Limit   |
|              |                                       | NIOSH    | TWA 10 mg/m <sup>3</sup> (total) TWA 5 mg/m <sup>3</sup> (resp)          |
|              |                                       | Supplier | No Established Limit   |
| 0065996-93-2 | Coal tar pitch                        | OSHA     | TWA 0.2 mg/m <sup>3</sup> (benzene-soluble fraction) [1910.1002]         |
|              |                                       | ACGIH    | TWA: 0.2 mg/m <sup>3</sup> A1, 1, Revised 2006,                          |
|              |                                       | NIOSH    | Ca TWA 0.1 mg/m <sup>3</sup> (cyclohexane-extractable fraction)          |
|              |                                       | Supplier | No Established Limit   |
| 0068082-29-1 | Polyamide Resin                       | OSHA     | No Established Limit   |
|              |                                       | ACGIH    | No Established Limit   |
|              |                                       | NIOSH    | No Established Limit   |
|              |                                       | Supplier | No Established Limit   |



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**Carcinogen Data**

| CAS No.      | Ingredient                            | Source | Value   |
|--------------|---------------------------------------|--------|---|
| 0000090-72-2 | 2,4,6-Tris(dimethylaminomethyl)phenol | OSHA   | Select Carcinogen: No   |
|              |                                       | NTP    | Known: No; Suspected: No  |
|              |                                       | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 0000100-41-4 | Ethyl Benzene                         | OSHA   | Select Carcinogen: No   |
|              |                                       | NTP    | Known: No; Suspected: No  |
|              |                                       | IARC   | Group 1: No; Group 2a: No; Group 2b: Yes; Group 3: No; Group 4: No; |
| 0000106-42-3 | p-Xylene                              | OSHA   | Select Carcinogen: No   |
|              |                                       | NTP    | Known: No; Suspected: No  |
|              |                                       | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 0000108-38-3 | m-xylene                              | OSHA   | Select Carcinogen: No   |
|              |                                       | NTP    | Known: No; Suspected: No  |
|              |                                       | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 0000471-34-1 | Calcium carbonate                     | OSHA   | Select Carcinogen: No   |
|              |                                       | NTP    | Known: No; Suspected: No  |
|              |                                       | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |
| 0065996-93-2 | Coal tar pitch                        | OSHA   | Select Carcinogen: No   |
|              |                                       | NTP    | Known: Yes; Suspected: Yes  |
|              |                                       | IARC   | Group 1: Yes; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No; |
| 0068082-29-1 | Polyamide Resin                       | OSHA   | Select Carcinogen: No   |
|              |                                       | NTP    | Known: No; Suspected: No  |
|              |                                       | IARC   | Group 1: No; Group 2a: No; Group 2b: No; Group 3: No; Group 4: No;  |

**8.2. Exposure controls**

**Respiratory**

Use only with ventilation to keep levels below exposure guidelines listed in Section 3. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use MSHA/NIOSH approved supplied air respirator. Follow all current OSHA requirements for respirator use.

**Eyes**

Recommend safety glasses with side shields or chemical goggles to avoid eye contact.

**Skin**

Recommend impervious gloves and clothing to avoid skin contact. If material penetrates to skin, change gloves and clothing. The use of protective creams may be beneficial to certain individuals. Protective creams should be applied before exposure.

**Engineering Controls**

Use explosion-proof ventilation when required to keep below health exposure guidelines and Lower Explosion Limit (LEL).

**Other Work Practices**

Use good personal hygiene practices. Wash hands before eating, drinking, smoking or using toilet. Promptly remove soiled clothing and wash thoroughly before reuse.

See section 2 for further details. - [Prevention]:





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**9. Physical and chemical properties**

|  |  |
|--|--|
| <b>Appearance</b>                                      | Viscous Black Liquid   |
| <b>Odor</b>  | Tar  |
| <b>Odor threshold</b>                                  | Not determined   |
| <b>pH</b>  | Not determined   |
| <b>Melting point / freezing point</b>                  | Not determined   |
| <b>Initial boiling point and boiling range</b>         | 176°F (80°C) - 284°F (140°C)   |
| <b>Flash Point</b>                                     | 75°F (23°C) Pensky Martin Closed Cup                                   |
| <b>Evaporation rate (Ether = 1)</b>                    | Slower than ether  |
| <b>Flammability (solid, gas)</b>                       | Not Applicable   |
| <b>Upper/lower flammability or explosive limits</b>    | <b>Lower Explosive Limit:</b> 0.8<br><b>Upper Explosive Limit:</b> 7.1 |
| <b>Vapor pressure (Pa)</b>                             | Not determined   |
| <b>Vapor Density</b>                                   | Heavier than air   |
| <b>Specific Gravity</b>                                | 1.32   |
| <b>Solubility in Water</b>                             | Insoluble  |
| <b>Partition coefficient n-octanol/water (Log Kow)</b> | Not Measured   |
| <b>Auto-ignition temperature</b>                       | Not available  |
| <b>Decomposition temperature</b>                       | Not available  |
| <b>Viscosity (cSt)</b>                                 | Not available  |
| <b>VOC Content</b>                                     | Not available  |

**9.2. Other information**

No other relevant information.

**10. Stability and reactivity**

**10.1. Reactivity**

Hazardous Polymerization will not occur.

**10.2. Chemical stability**

Stable under normal circumstances.

**10.3. Possibility of hazardous reactions**

No data available.

**10.4. Conditions to avoid**



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Avoid heat, sparks and open flame.

**10.5. Incompatible materials**

Avoid heat, flame and strong oxidizing agents.

**10.6. Hazardous decomposition products**

Carbon monoxide, nitrogen oxides, and unidentified organic compounds. Consider all smoke and fumes from burning material as very hazardous. Welding, cutting or abrasive grinding can create smoke and fumes. Do not breathe any fumes or smoke from these operations.

**11. Toxicological information**

**Acute toxicity**

| Ingredient  | Oral LD50, mg/kg             | Skin LD50, mg/kg                 | Inhalation Vapor LC50, mg/L/4hr | Inhalation Dust/Mist LC50, mg/L/4hr | Inhalation Gas LC50, ppm     |
|---|------------------------------|----------------------------------|---------------------------------|-------------------------------------|------------------------------|
| Calcium carbonate - (471-34-1)                    | 6,450.00, Rat - Category: NA | No data available                | No data available               | No data available                   | No data available            |
| Coal tar pitch - (65996-93-2)                     | 3,300.00, Rat - Category: 5  | 5,000.00, Rat - Category: 5      | No data available               | No data available                   | No data available            |
| Polyamide Resin - (68082-29-1)                    | No data available            | No data available                | No data available               | No data available                   | No data available            |
| 2,4,6-Tris(dimethylaminomethyl)phenol - (90-72-2) | 1,200.00, Rat - Category: 4  | 1,280.00, Rat - Category: 4      | No data available               | No data available                   | No data available            |
| Ethyl Benzene - (100-41-4)                        | 3,500.00, Rat - Category: 5  | 15,433.00, Rabbit - Category: NA | 17.20, Rat - Category: 4        | No data available                   | 4,000.00, Rat - Category: NA |
| p-Xylene - (106-42-3)                             | No data available            | No data available                | No data available               | No data available                   | No data available            |
| m-xylene - (108-38-3)                             | 5,000.00, Rat - Category: 5  | 12,182.00, Rabbit - Category: NA | No data available               | No data available                   | 8,000.00, Rat - Category: NA |

Note: When no route specific LD50 data is available for an acute toxin, the converted acute toxicity point estimate was used in the calculation of the product's ATE (Acute Toxicity Estimate).

| Classification              | Category | Hazard Description      |
|-----------------------------|----------|-------------------------|
| Acute toxicity (oral)       | ---      | Not Applicable          |
| Acute toxicity (dermal)     | ---      | Not Applicable          |
| Acute toxicity (inhalation) | ---      | Not Applicable          |
| Skin corrosion/irritation   | 2        | Causes skin irritation. |



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|                               |     |  |
|-------------------------------|-----|--|
| Serious eye damage/irritation | 1   | Causes serious eye damage.   |
| Respiratory sensitization     | --- | Not Applicable   |
| Skin sensitization            | 1   | May cause an allergic skin reaction.                               |
| Germ cell mutagenicity        | 1B  | May cause genetic defects.   |
| Carcinogenicity               | 1A  | May cause cancer.  |
| Reproductive toxicity         | 1B  | May damage fertility. May damage the unborn child.                 |
| STOT-single exposure          | --- | Not Applicable   |
| STOT-repeated exposure        | 2   | May cause damage to organs through prolonged or repeated exposure. |
| Aspiration hazard             | --- | Not Applicable   |

## 12. Ecological information

### 12.1. Toxicity

Very toxic to aquatic life with long lasting effects.

No data available for this product. It is unlikely that significant environmental exposure in the air or the water will arise based upon consideration of the production and use of the product. Immiscible with water, but will react with water to produce inert and non-biodegradable solids.

#### Aquatic Ecotoxicity

| Ingredient  | 96 hr LC50 fish, mg/l              | 48 hr EC50 crustacea, mg/l | ErC50 algae, mg/l                                    |
|---|------------------------------------|----------------------------|--|
| Calcium carbonate - (471-34-1)                    | 56,000.00, <i>Gambusia affinis</i> | Not Available              | Not Available  |
| Coal tar pitch - (65996-93-2)                     | Not Available                      | Not Available              | Not Available  |
| Polyamide Resin - (68082-29-1)                    | Not Available                      | Not Available              | Not Available  |
| 2,4,6-Tris(dimethylaminomethyl)phenol - (90-72-2) | Not Available                      | Not Available              | Not Available  |
| Ethyl Benzene - (100-41-4)                        | 4.20, <i>Oncorhynchus mykiss</i>   | 2.93, <i>Daphnia magna</i> | 3.60 (96 hr), <i>Pseudokirchneriella subcapitata</i> |
| p-Xylene - (106-42-3)                             | Not Available                      | Not Available              | Not Available  |
| m-xylene - (108-38-3)                             | 8.40, <i>Oncorhynchus mykiss</i>   | 3.53, <i>Daphnia magna</i> | 4.90 (72 hr), <i>Pseudokirchneriella subcapitata</i> |

### 12.2. Persistence and degradability

There is no data available on the preparation itself.

### 12.3. Bioaccumulative potential

Not Measured



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**12.4. Mobility in soil**

No data available.

**12.5. Results of PBT and vPvB assessment**

This product contains no PBT/vPvB chemicals.

**12.6. Other adverse effects**

No data available.

**13. Disposal considerations**

**13.1. Waste treatment methods**

Observe all federal, state and local regulations when disposing of this substance.

**14. Transport information**

|   | <b>DOT (Domestic Surface Transportation)</b> | <b>IMO / IMDG (Ocean Transportation)</b> | <b>ICAO/IATA</b> |
|---|--|--|------------------|
| <b>14.1. UN number</b>                    | UN1263                                       | UN1263                                   | UN1263           |
| <b>14.2. UN proper shipping name</b>      | UN1263, Paint                                | Paint                                    | Paint            |
| <b>14.3. Transport hazard class(es)</b>   | 3  | 3  | 3                |
| <b>14.4. Packing group</b>                | III  | III                                      | III              |
| <b>14.5. Environmental hazards</b>        |  |  |                  |
| <b>IMDG</b>                               | Marine Pollutant: Yes ( Coal tar pitch )     |  |                  |
| <b>14.6. Special precautions for user</b> | No further information                       |  |                  |

**15. Regulatory information**

|  |   |
|--|---|
| <b>Regulatory Overview</b>                 | The regulatory data in Section 15 is not intended to be all-inclusive, only selected regulations are represented. |
| <b>Toxic Substance Control Act ( TSCA)</b> | All components of this material are either listed or exempt from listing on the TSCA Inventory.                   |
| <b>WHMIS Classification</b>                | B2 D2A E  |



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**US EPA Tier II Hazards**

**Fire:** Yes  
**Sudden Release of Pressure:** No  
**Reactive:** No  
**Immediate (Acute):** Yes  
**Delayed (Chronic):** Yes

**EPCRA 311/312 Chemicals and RQs (lbs):**

Ethyl Benzene ( 1,000.00)  
m-xylene ( 1,000.00)  
p-Xylene ( 100.00)

**EPCRA 302 Extremely Hazardous:**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**EPCRA 313 Toxic Chemicals:**

Ethyl Benzene  
m-xylene  
p-Xylene

**Proposition 65 - Carcinogens (>0.0%):**

Clay 2  
Ethyl Benzene

**Proposition 65 - Developmental Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Female Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**Proposition 65 - Male Repro Toxins (>0.0%):**

To the best of our knowledge, there are no chemicals at levels which require reporting under this statute.

**New Jersey RTK Substances (>1%):**

Coal tar pitch  
Ethyl Benzene  
m-xylene  
p-Xylene

**Pennsylvania RTK Substances (>1%):**

Coal tar pitch  
Ethyl Benzene  
m-xylene  
p-Xylene



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**16. Other information**

The full text of the phrases appearing in section 3 is:

H225 Highly flammable liquid and vapor.

H226 Flammable liquid and vapor.

H302 Harmful if swallowed.

H304 May be fatal if swallowed and enters airways.

H312 Harmful in contact with skin.

H315 Causes skin irritation.

H317 May cause an allergic skin reaction.

H318 Causes serious eye damage.

H319 Causes serious eye irritation.

H332 Harmful if inhaled.

H340 May cause genetic defects.

H350 May cause cancer.

H360Fd May damage fertility. Suspected of damaging the unborn child.

H373 May cause damage to organs through prolonged or repeated exposure.

H400 Very toxic to aquatic life.

H410 Very toxic to aquatic life with long lasting effects.

H412 Harmful to aquatic life with long lasting effects.

**This is the first version in the GHS SDS format. Listings of changes from previous versions in other formats are not applicable.**

To the best of our knowledge, the information contained herein is accurate. However, neither the above named supplier nor any of its subsidiaries assumes any liability whatsoever for the accuracy or completeness of the information contained herein. Final determination of suitability of any material is the sole responsibility of the user. All materials may present unknown hazards and should be used with caution. Although certain hazards are described herein, we cannot guarantee that these are the only hazards that exist.

The information presented herein is based on data considered to be accurate as of the date of preparation of this Safety Data Sheet. However, SDS may not be used as a commercial specification sheet of manufacturer or seller, and no warranty or representation, expressed or implied, is made as to the accuracy or comprehensiveness of the foregoing data and safety information, nor is any authorization given or implied to practice any patented invention without a license. In addition, no responsibility can be assumed by vendor for any damage or injury resulting from abnormal use, from any failure to adhere to recommended practices, or from any hazards inherent in the nature of the product.

**End of Document**