



# Material Safety Data Sheet

**CHEMTREC Transportation  
Emergency Phone: 800-424-9300**

**Pittsburgh Poison Control  
Center  
Health Emergency No.: 412-681-6669**

•NOTE: The CHEMTREC Transportation  
•Emergency Phone is to be used only in the  
•event of chemical emergencies involving a  
•spill, leak, fire, exposure or accident involving  
•chemicals

## Section 1 - Chemical Product / Company Information

**Product Name:** BITUMASTIC 300 M PART B      **Revision Date:** 07/29/2005  
**Identification Number:** PLMSDS 0165B5NL      **Supersedes :** 07/22/2005  
**Product Use/Class:** Coal Tar Epoxy - FOR INDUSTRIAL USE ONLY  
**Preparer:** Regulatory, Department  
**Manufacturer:** Carboline Company  
350 Hanley Industrial Ct.  
St. Louis, MO 63144

## Section 2 - Composition / Information On Ingredients

| Chemical Name | CAS Number  | Weight % Less Than | ACGIH TLV-TWA | ACGIH TLV-STEL | OSHA PEL-TWA | OSHA-CEIL |
|---------------|-------------|--------------------|---------------|----------------|--------------|-----------|
| EPOXY RESIN   | 025068-38-6 | 100.0              | NE            | NE             | NE           | NE        |

## Section 3 - Hazards Identification

**Emergency Overview:** Warning! May cause allergic skin reactions. May cause irritation.

**Effects Of Overexposure - Eye Contact:** May cause eye irritation.

**Effects Of Overexposure - Skin Contact:** May cause skin irritation. May cause allergic skin reaction.

**Effects Of Overexposure - Inhalation:** May cause nose and throat irritation.

**Effects Of Overexposure - Ingestion:** May be harmful if swallowed.

**Effects Of Overexposure - Chronic Hazards:** Under normal use conditions, this product is not expected to cause adverse health effects.

**Primary Route(s) Of Entry:** Skin Contact, Skin Absorption, Inhalation, Ingestion, Eye Contact

**Medical Conditions Prone to Aggravation by Exposure:** If sensitized to amines, epoxies, or other chemicals do not use. See a physician if a medical condition exists.

## Section 4 - First Aid Measures

**First Aid - Eye Contact:** If material gets into eyes, flush with water immediately for 15 minutes. Consult a

physician.

**First Aid - Skin Contact:** In case of contact, wash skin immediately with soap and water.

**First Aid - Inhalation:** If inhaled, remove to fresh air. Administer oxygen if necessary. Consult a physician if symptoms persist or exposure was severe.

**First Aid - Ingestion:** If swallowed do not induce vomiting. Seek immediate medical attention.

## Section 5 - Fire Fighting Measures

**Flash Point, F:** 490F (254C)  
(Setaflash)

**Lower Explosive Limit, %:** N/A  
**Upper Explosive Limit, %:** N/A

**Extinguishing Media:** Carbon Dioxide, Dry Chemical, Foam, Water Fog

**Unusual Fire And Explosion Hazards:** None known.

**Special Firefighting Procedures:** Non-flammable. Cool fire-exposed containers using water spray.

## Section 6 - Accidental Release Measures

**Steps To Be Taken If Material Is Released Or Spilled:** Use personal protective equipment as necessary. Absorb with suitable chemical absorbent. Dispose of material in accordance with all federal, state and local regulations.

## Section 7 - Handling And Storage

**Handling:** Do not get in eyes, on skin, or on clothing. Keep container tightly closed when not in use. Wear personal protection equipment. Do not breathe vapors. 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 Carboline application instructions, container label and Product Data Sheet.

**Storage:** Keep container closed when not in use.

## Section 8 - Exposure Controls / Personal Protection

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

**Respiratory Protection:** Use only with ventilation to keep levels below exposure guidelines listed in Section 2. User should test and monitor exposure levels to ensure all personnel are below guidelines. If not sure, or not able to monitor, use MSHA/NISOH approved supplied air respirator. Follow all current OSHA requirements for respirator use.

**Skin Protection:** 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.

**Eye Protection:** Recommend safety glasses with side shields or chemical goggles to avoid eye contact.

**Other protective equipment:** Eye wash and safety showers should be readily available.

**Hygienic Practices:** Wash with soap and water before eating, drinking, smoking, applying cosmetics, or using toilet facilities. Use of a hand cleaner is recommended. Launder contaminated clothing before reuse. Leather shoes can absorb and allow hazardous materials to pass through. Check shoes carefully after soaking before reuse.

## Section 9 - Physical And Chemical Properties

|                           |                               |                          |                   |
|---------------------------|-------------------------------|--------------------------|-------------------|
| <b>Boiling Range:</b>     | N/A -                         | <b>Vapor Density:</b>    | Heavier than Air  |
| <b>Odor:</b>              | Mild Odor                     | <b>Odor Threshold:</b>   | N/D               |
| <b>Appearance:</b>        | Viscous Clear to Amber Liquid | <b>Evaporation Rate:</b> | Slower Than Ether |
| <b>Solubility in H2O:</b> | N/D                           | <b>Specific Gravity:</b> | 1.16              |
| <b>Freeze Point:</b>      | N/D                           | <b>PH:</b>               | N/D               |
| <b>Vapor Pressure:</b>    | N/D                           |                          |                   |
| <b>Physical State:</b>    | Liquid                        |                          |                   |

(See section 16 for abbreviation legend)

## Section 10 - Stability And Reactivity

**Conditions To Avoid:** None

**Incompatibility:** Avoid contact with strong oxidizing agents.

**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.

**Hazardous Polymerization:** Will not occur under normal conditions.

**Stability:** This product is stable under normal storage conditions.

## Section 11 - Toxicological Information

**Product LD50:** N/D

**Product LC50:** N/D

| <b>Chemical Name</b> | <b>CAS Number</b> | <b>LD50</b>        | <b>LC50</b>               |
|----------------------|-------------------|--------------------|---------------------------|
| EPOXY RESIN          | 025068-38-6       | 11.4G/KG RAT, ORAL | >20ML/KG SKIN, SENSITIZER |

## Section 12 - Ecological Information

**Ecological Information:** No data

## Section 13 - Disposal Information

**Disposal Information:** Dispose of in accordance with State, Local, and Federal Environmental regulations. Responsibility for proper waste disposal is with the owner of the waste.

## Section 14 - Transportation Information

**DOT Proper Shipping Name:** Not Regulated  
**DOT Technical Name:** N/A

**Packing Group:** N/A  
**Hazard Subclass:** N/A

DOT Hazard Class: None

Resp. Guide Page: N/A

DOT UN/NA Number: N/A

## Section 15 - Regulatory Information

### CERCLA - SARA HAZARD CATEGORY

This product has been reviewed according to the EPA Hazard Categories promulgated under Sections 311 and 312 of the Superfund Amendment and Reauthorization Act of 1986 (SARA Title III) and is considered, under applicable definitions, to meet the following categories:

IMMEDIATE HEALTH HAZARD, CHRONIC HEALTH HAZARD

### SARA SECTION 313

This product contains the following substances subject to the reporting requirements of Section 313 of Title III of the Superfund Amendment and Reauthorization Act of 1986 and 40 CFR part 372:

No Section 313 Substances exist in this product

### TOXIC SUBSTANCES CONTROL ACT

All components of this product are listed on the TSCA inventory.

This product contains the following chemical substances subject to the reporting requirements of TSCA 12(B) if exported from the United States:

No TSCA 12(B) Substances exist in this product

### U.S. STATE REGULATIONS AS FOLLOWS:

#### NEW JERSEY RIGHT-TO-KNOW

The following materials are non-hazardous, but are among the top five components in this product.

#### PENNSYLVANIA RIGHT-TO-KNOW

The following non-hazardous ingredients are present in the product at greater than 3%.

#### CALIFORNIA PROPOSITION 65

**Warning: The following ingredients present in the product are known to the state of California to cause Cancer:**

No California Proposition 65 Carcinogens exist

**Warning: The following ingredients present in the product are known to the state of California to cause birth defects, or other reproductive hazards:**

No California Proposition 65 Reproductive Toxins exist

### INTERNATIONAL REGULATIONS AS FOLLOWS:

## CANADIAN WHMIS

This MSDS has been prepared in compliance with Controlled Product Regulations except for the use of the 16 headings.

**CANADIAN WHMIS CLASS:** D2B

### Section 16 - Other Information

#### HMIS Ratings

**Health:** 2

**Flammability:** 1

**Reactivity:** 0

**Personal Protection:** X

**VOLATILE ORGANIC COMPOUNDS, GR/LTR MIXED (UNTHINNED):** 222

**REASON FOR REVISION:** Changed to 16 Section Format.

**Legend:** N.A. - Not Applicable, N.E. - Not Established, N.D. - Not Determined

The information contained herein is, to the best of our knowledge and belief accurate. However, since the conditions of handling and use are beyond our control, we make no guarantee of results, and assume no liability for damages incurred by use of this material. It is the responsibility of the user to comply with all applicable federal, state, and local laws and regulations