



EP 310

2 Component Polyester Resin Anchoring Grout

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: Carbolink EP 310

Product Description: 2 Component Polyester Resin Anchoring Grout

Manufacturer/Supplier: **Carbolink India Private Limited**

Address: 105, 1st Floor, Bhavya's Arcade, Above BATA Showroom,
Erragadda, Hyderabad- 500018

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2. Hazards Identification

EP 310 contains hazardous chemicals that can cause skin irritation, eye irritation, and respiratory discomfort. Prolonged exposure may lead to allergic reactions, particularly in individuals with sensitivity to epoxy-based materials. Inhalation of vapors may cause dizziness, headache, or respiratory irritation. In case of ingestion, EP 310 may cause gastrointestinal distress. It is important to avoid prolonged skin contact and to use appropriate personal protective equipment (PPE) when handling this product. Always work in a well-ventilated area to avoid inhalation of fumes.

3. Composition/Information on Ingredients

Component A: Polyester Resin

Component B: Hardener

CAS Numbers: Specific CAS numbers for each component can be obtained from the manufacturer upon request.

4. First Aid Measures

Inhalation: Move the affected person to fresh air immediately. If breathing is difficult, administer oxygen and seek medical attention.

Skin Contact: Wash the affected area with plenty of soap and water. Remove contaminated clothing and wash before reuse. If skin irritation persists, seek medical advice.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Seek medical attention if irritation persists.

Ingestion: Do not induce vomiting. Rinse mouth with water and seek medical attention immediately.

5. Firefighting Measures

Suitable Extinguishing Media: Use water spray, foam, dry chemical, or carbon dioxide to extinguish fires involving this product.

Firefighting Procedures: Firefighters should wear appropriate protective equipment, including self-contained breathing apparatus (SCBA) and full protective gear.

Hazardous Combustion Products: Combustion of EP 310 may produce harmful gases such as carbon monoxide, carbon dioxide, and other toxic fumes.

Specific Hazards: Closed containers may explode when exposed to extreme heat. Cool containers with water spray to prevent pressure buildup.

6. Accidental Release Measures

Personal Precautions: Wear appropriate protective equipment (gloves, goggles, and respirator) to prevent skin and eye contact.

Environmental Precautions: Prevent further leakage or spillage if safe to do so. Do not allow the product to enter drains, watercourses, or soil.

Methods for Cleanup: Absorb spillage with inert material (e.g., sand, earth) and place it in a suitable container for disposal. Dispose of in accordance with local regulations.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Use in a well-ventilated area. Do not eat, drink, or smoke when using this product.

Storage: Store in a cool, dry place away from direct sunlight and sources of heat. Keep containers tightly closed when not in use. Store at temperatures between 5°C and 30°C.

Incompatible Materials: Avoid contact with strong acids, bases, and oxidizing agents.

8. Exposure Controls/Personal Protection

Engineering Controls: Ensure adequate ventilation, especially in confined areas.

Personal Protective Equipment (PPE):

Eye Protection: Safety goggles or face shield

Skin Protection: Chemical-resistant gloves and protective clothing

Respiratory Protection: Use an appropriate respirator if ventilation is inadequate.

General Hygiene Measures: Wash hands thoroughly after handling and before eating or drinking. Do not eat, drink, or smoke while handling this product.

9. Physical and Chemical Properties

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|---------------------------|--|
| Appearance: | Part A: Pale yellow liquid; Part B: Clear liquid |
| Odor | Slight |
| pH: | Not applicable |
| Boiling Point: | Not available |
| Flash Point | >100°C |
| Autoignition Temperature: | Not available |
| Density: | 1.85 - 1.90 g/cm ³ |
| Viscosity: | Low viscosity |
| Solubility | Insoluble in water |

10. Stability and Reactivity

Chemical Stability: Stable under normal conditions of use and storage.

Conditions to Avoid: Avoid exposure to extreme temperatures, direct sunlight, and moisture.

Incompatible Materials: Strong acids, bases, and oxidizing agents.

Hazardous Decomposition Products: Thermal decomposition may produce harmful gases such as carbon monoxide, carbon dioxide, and other toxic fumes.

11. Toxicological Information

Acute Toxicity: May cause skin and eye irritation. Inhalation of vapors may cause respiratory irritation.

Skin Corrosion/Irritation: Prolonged or repeated exposure may cause skin irritation.

Serious Eye Damage/Irritation: Causes eye irritation.

Respiratory or Skin Sensitization: May cause an allergic skin reaction.

Carcinogenicity: Not classified as a carcinogen by IARC, NTP, or OSHA.

Reproductive Toxicity: Not classified as a reproductive toxin.

12. Ecological Information

Ecotoxicity: Toxic to aquatic life with long-lasting effects.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: Low mobility in soil.

Other Adverse Effects: Avoid release into the environment.

13. Disposal Considerations

Dispose of in accordance with local, state, and federal regulations. Do not dispose of in waterways or sewer systems. Contaminated packaging should be disposed of as hazardous waste in compliance with applicable regulations.

14. Transport Information

UN Number: UN3082

Proper Shipping Name: Environmentally Hazardous Substance, Liquid, N.O.S. (Contains Polyester Resin)

Transport Hazard Class: 9

Packing Group: III

Marine Pollutant: Yes Special Precautions: Transport in accordance with local, state, and federal regulations.

15. Regulatory Information

This product is classified according to the Globally Harmonized System (GHS) and complies with relevant regulations. Ensure compliance with all applicable local, state, and federal regulations.

16. Other Information

This MSDS was prepared in accordance with the Globally Harmonized System (GHS) and provides information to ensure safe handling, use, storage, and disposal of the product. The information contained herein is based on the current knowledge and experience of Carbolink India Pvt. Ltd. and is not a guarantee of product safety. Users are responsible for ensuring the product is suitable for their specific application and for complying with all applicable laws and regulations.

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