



EP 320

Solvent-free, Low Viscosity Epoxy Resin
for Crack Injection

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: CarbolinkEP 320

Product Description: Solvent-free, Low Viscosity Epoxy Resin for Crack Injection

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

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

Contact Information: +91 9246399551,
info@carbolinkindia.com

Emergency Contact: +91 8885099551

2. Hazards Identification

EP 320 is classified as hazardous according to applicable regulations. The product is harmful if inhaled or ingested and can cause irritation to the skin, eyes, and respiratory system. Prolonged exposure may lead to sensitization or allergic reactions.

3. Composition/Information on Ingredients

Component A: Epoxy resin blend

Component B: Polyamine hardener

CAS Numbers: Not available

Concentration: Proprietary blend

4. First Aid Measures

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

Contact: Wash affected area thoroughly with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes, holding eyelids apart. 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: Foam, dry chemical, carbon dioxide, or water spray.

Unsuitable Extinguishing Media: High-pressure water jet.

Special Exposure Hazards: Combustion may produce toxic fumes including carbon monoxide, carbon dioxide, and other organic compounds.

Special Protective Equipment for Firefighters: Wear self-contained breathing apparatus and full protective clothing.

6. Accidental Release Measures

Personal Precautions: Wear appropriate personal protective equipment (PPE) including gloves, goggles, and protective clothing. Ensure adequate ventilation.

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

Methods for Cleaning Up: Absorb spills with inert material (e.g., sand, earth) and place in a suitable container for disposal according to local regulations

7. Handling and Storage

Handling: Avoid contact with skin, eyes, and clothing. Use only with adequate ventilation. Do not breathe vapors or spray mist. Wash thoroughly after handling.

Storage: Store in a cool, dry, and well-ventilated area away from heat, open flames, and direct sunlight. Keep containers tightly closed when not in use.

8. Exposure Controls/Personal Protection

Exposure Limits: No specific limits established.

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

Personal Protective Equipment:

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

Hand Protection: Wear chemical-resistant gloves.

Eye Protection: Safety goggles or face shield.

Skin Protection: Protective clothing.

9. Physical and Chemical Properties

Appearance:	Pale yellow liquid
Odor	Mild
pH:	Not applicable
Boiling Point:	Not determined
Flash Point	>118°C (Tag closed cup)
Relative Density:	1.05 - 1.15 g/cc
Viscosity:	250 ± 50 cps
Solubility	Insoluble in water

10. Stability and Reactivity

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Heat, flames, and sparks.

Materials to Avoid: Strong oxidizing agents, acids, and bases.

Hazardous Decomposition Products: Carbon monoxide, carbon dioxide, and other toxic fumes.

11. Toxicological Information

Acute Toxicity: Harmful if inhaled or ingested.

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes eye irritation.

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

Carcinogenicity: No component of this product present at levels greater than or equal to 0.1% is identified as probable, possible, or confirmed human carcinogen.

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: No data available.

13. Disposal Considerations

Dispose of in accordance with local, regional, and national regulations. Do not allow the product to enter drains, watercourses, or the soil. Contaminated packaging should be disposed of in the same manner as the product.

14. Transport Information

UN Number: Not regulated

Proper Shipping Name: Not applicable

Transport Hazard Class: Not classified as hazardous for transport

Packing Group: Not applicable

15. Regulatory Information

This product is classified and labeled according to applicable regulations. Ensure compliance with local, regional, and national

regulations.

16. Other Information

The information provided in this MSDS is based on our current knowledge and experience. It is intended to describe the product for health, safety, and environmental requirements only and should not be construed as a guarantee of any specific property of the product.