



DF EP 8C

Clear Decorative Epoxy for Floors

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: DF EP 8C

Product Description: Clear Decorative Epoxy for Floors

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

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2. Hazards Identification

Classification: Skin Irritation: Category 2, Eye Irritation: Category 2A, Skin Sensitization: Category 1, Specific Target Organ Toxicity (Single Exposure): Category 3 (Respiratory Irritation)

GHS Classification:

- **Skin Irritation:** Category 2
- **Eye Irritation:** Category 2A
- **Skin Sensitization:** Category 1
- **Specific Target Organ Toxicity (Single Exposure):** Category 3 (Respiratory Irritation)

GHS Label Elements:

Hazard Pictograms: [Pictogram if necessary]

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:

Prevention: Avoid breathing vapors, mist, or spray. Use only outdoors or in a well-ventilated area. Wear protective gloves, protective clothing, and eye protection.

Response: If on skin: Wash with plenty of water. If skin irritation or rash occurs, get medical advice or 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 advice or attention. If inhaled: Remove person to fresh air and keep comfortable for breathing.

3. Composition/Information on Ingredients

Substance: Epoxy Resin and Hardener System

Components

- **Epoxy Resin (CAS Number: [25068-38-6])**
- **Cycloaliphatic Amine (CAS Number: [100-51-6])**
- **Additives:** Proprietary blend

Concentration: Proprietary blend

4. First Aid Measures

General Advice: Move out of the dangerous area. Consult a physician if symptoms persist. Show this safety data sheet to the doctor in attendance.

If Inhaled: Move to fresh air. If breathing is difficult, provide oxygen and seek medical attention.

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In Case of Skin Contact: Remove contaminated clothing and wash skin thoroughly with soap and water. If irritation persists, consult a physician.

In Case of Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek immediate medical attention.

If Swallowed: Rinse mouth with water. Do not induce vomiting unless directed by medical personnel. Seek medical attention immediately

5. Firefighting Measures

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Specific Hazards Arising from the Chemical: In case of fire, hazardous decomposition products such as carbon monoxide, carbon dioxide, and other toxic fumes may be generated.

Special Protective Equipment and Precautions for Firefighters: Firefighters should wear self-contained breathing apparatus and full protective gear. Use water spray to cool unopened containers.

6. Accidental Release Measures

Personal Precautions: Use personal protective equipment. Avoid breathing vapors, mist, or spray. Ensure adequate ventilation. Remove all sources of ignition.

Environmental Precautions: Prevent the product from entering drains, watercourses, or soil. Contain the spill to prevent further contamination.

Methods for Cleaning Up: Contain and collect spillage with non-combustible absorbent materials such as sand, earth, or vermiculite, and place in container for disposal according to local regulations. Avoid creating dust. Clean up affected area with a damp cloth or mop.

7. Handling and Storage

Precautions for Safe Handling: Avoid contact with skin, eyes, and clothing. Do not breathe vapors or spray mist. Use with adequate ventilation. Handle in accordance with good industrial hygiene and safety practices.

Conditions for Safe Storage: Store in a cool, dry, and well-ventilated place. Keep container tightly closed when not in use. Store away from incompatible materials. Protect from direct sunlight and sources of heat. Store at temperatures between 5°C and 30°C.

8. Exposure Controls/Personal Protection

Control Parameters: No occupational exposure limits are applicable.

Appropriate Engineering Controls: Use adequate ventilation, especially in confined areas. Use explosion-proof ventilation equipment.

Personal Protective Equipment:

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.

Hand Protection: Wear suitable protective gloves.

Eye Protection: Wear safety glasses with side shields or goggles.

Skin and Body Protection: Wear appropriate protective clothing to prevent skin exposure.

9. Physical and Chemical Properties

Appearance	Clear liquid
Colour	Colorless
Odor	: Slight,characteristic
Odor Threshold:	Not applicable
pH:	Not applicable
Melting Point/Freezing Point	No data available
Initial Boiling Point and Boiling Range	: >100°C
Flash Point:	>118°C (245°F)
Evaporation Rate:	No data available
Flammability (solid, gas):	Not applicable
Upper/Lower Flammability or Explosive Limits:	No data available
Vapor Pressure:	No data available
Vapor Density:	No data available

Solubility:	Insoluble in water
Relative Density:	1.1 g/cm ³ at 25°C
Partition Coefficient : n-octanol/water:	No data available
Auto-ignition Temperature:	No data available
Decomposition Temperature:	No data available
Viscosity:	600 - 800 mPa·s (Resin), 10 - 20 mPa·s (Hardener)

10. Stability and Reactivity

Reactivity: The product is stable under recommended storage conditions.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: No dangerous reactions known under conditions of normal use.

Conditions to Avoid: Heat, flames, sparks, and other sources of ignition. Avoid extreme temperatures and direct sunlight.

Incompatible Materials: Strong oxidizing agents, acids, alkalis.

Hazardous Decomposition Products: Thermal decomposition may produce carbon oxides and other toxic fumes.

11. Toxicological Information

Acute Toxicity: Not classified

Skin Corrosion/Irritation: Causes skin irritation.

Serious Eye Damage/Irritation: Causes serious eye irritation.

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

Germ Cell Mutagenicity: Not classified

Carcinogenicity: Not classified

Reproductive Toxicity: Not classified

STOT - Single Exposure: May cause respiratory irritation.

STOT - Repeated Exposure: Not classified

Aspiration Hazard: Not classified

12. Ecological Information

Ecotoxicity: Not expected to be harmful to aquatic organisms

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Not expected to bioaccumulate

Mobility in Soil: Low mobility

Other Adverse Effects: No known significant effects or critical hazards

13. Disposal Considerations

Disposal Methods: Dispose of in accordance with local, regional, national, and international regulations. Do not discharge into drains, watercourses, or onto the ground.

Contaminated Packaging: Dispose of as unused product. Empty containers should be taken to an approved waste handling site for recycling or disposal.

14. Transport Information

UN Number: Not regulated

UN Proper Shipping Name: Not regulated

Transport Hazard Class(es): Not regulated

Packing Group: Not regulated

Environmental Hazards: Not a marine pollutant

Transport in Bulk according to Annex II of MARPOL 73/78 and the IBC Code: Not applicable

Special Precautions for User: No special precautions required.

15. Regulatory Information

Safety, Health and Environmental Regulations: This product does not contain any hazardous chemicals that require reporting under national or regional regulations.

16. Other Information

The information contained in this Safety Data Sheet is based on the current state of knowledge and experience. It is provided in good faith, but no warranty, expressed or implied, is made. Users should consider this information as a supplement to other information they gather, and must make independent determinations of suitability and completeness for their own specific purposes. Carbolink reserves the right to revise this SDS as new information becomes available.

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