



# IF 25 CU

Epoxy Modified Cementitious Floor Screed

## MSDS Material Safety Data Sheet



### 1. Identification of the Substance/Preparation and Company

Product Name: IF 25 CU

Product Description: Epoxy Modified Cementitious Floor Screed

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

**Skin Contact:** May cause skin irritation. Prolonged or repeated contact may lead to sensitization.

**Eye Contact:** May cause eye irritation.

**Inhalation:** Inhalation of vapors may cause respiratory irritation.

**Ingestion:** Harmful if swallowed. May cause gastrointestinal irritation.

### 3. Composition/Information on Ingredients

**Component A:** Epoxy Resin

**Component B:** Polyamine Hardener

**Component C:** Cementitious Filler Hazardous Ingredients: This product contains epoxy resins and polyamine hardeners which may cause skin sensitization and irritation.

### 4. First Aid Measures

**Skin Contact:** Wash affected area with soap and water. Remove contaminated clothing. If irritation persists, seek medical attention.

**Eye Contact:** Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist.

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

**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.

**Specific Hazards:** In case of fire, hazardous combustion gases such as carbon monoxide and carbon dioxide may be formed.

**Protective Equipment:** Wear self-contained breathing apparatus and full protective clothing.

### 6. Accidental Release Measures

**Personal Precautions:** Avoid contact with skin and eyes. Wear protective clothing.

**Environmental Precautions:** Prevent product from entering drains, sewers, and watercourses.

**Cleanup Methods:** Absorb with inert material (e.g., sand, earth) and place in a suitable container for disposal. Clean the spill area thoroughly with water.

### 7. Handling and Storage

**Handling:** Avoid contact with skin, eyes, and clothing. Use with adequate ventilation. Wash thoroughly after handling.

**Storage:** Store in a cool, dry, well-ventilated area away from direct sunlight and incompatible materials. Keep containers tightly closed.

## 8. Exposure Controls/Personal Protection

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

**Personal Protective Equipment:**

**Eye Protection:** Safety glasses with side shields.

**Skin Protection:** Chemical-resistant gloves and protective clothing.

**Respiratory Protection:** If ventilation is inadequate, use a respirator with an appropriate filter.

**Hygiene Measures:** Wash hands, forearms, and face thoroughly after handling. Wash contaminated clothing before reuse.

## 9. Physical and Chemical Properties

Appearance	Grey powder (Component C) and liquid (Components A and B)
Odor	Mild
pH:	Alkaline when mixed with water
Boiling Point:	Not applicable
Flash Point	>200°C (392°F) for epoxy resin
Density:	1.77 - 1.82 g/cm <sup>3</sup> (mixed product)
Solubility:	Insoluble in water

## 10. Stability and Reactivity

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

**Conditions to Avoid:** Avoid excessive heat and direct sunlight.

**Materials to Avoid:** Strong oxidizing agents and acids.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, and other toxic fumes when exposed to high temperatures.

## 11. Toxicological Information

**Acute Toxicity:** May cause skin and eye irritation. Harmful if swallowed.

**Chronic Toxicity:** Prolonged or repeated exposure may cause sensitization by skin contact.

**Sensitization:** May cause an allergic skin reaction.

## 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 due to low solubility in water.

## 13. Disposal Considerations

Dispose of in accordance with local, regional, and national regulations. Do not allow the product to enter drains, sewers, or watercourses. Dispose of contaminated packaging as hazardous waste.

## 14. Transport Information

**UN Number:** Not classified as hazardous for transport.

**Transport Hazard Class:** Not applicable

**Packing Group:** Not applicable

**Environmental Hazards:** Avoid release to the environment.

**Special Precautions:** None

## 15. Regulatory Information

**Labeling Requirements:**

**Hazard Symbols:**

**Risk Phrases:**

**Safety Phrases:**

Comply with all applicable local, state, and federal regulations

## 16. Other Information

The information provided in this Material Safety Data Sheet is correct to the best of our knowledge at the date of its publication. The information given is designed only as a guide for safe handling, use, processing, storage, transportation, disposal, and release and is not to be considered a warranty or quality specification. The information relates only to the specific material designated and may not be valid for such material used in combination with any other materials or in any process unless specified in the text.

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