



IF EU 11 P

Self Smoothing Epoxy Polyurethane Floor Topping

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: IF EU 11 P

Product Description: Self Smoothing Epoxy Polyurethane Floor Topping

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

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Erragadda, Hyderabad- 500018

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2. Hazards Identification

Classification of the Substance/Mixture:

- Skin irritation: Category 2
- Eye irritation: Category 2
- Skin sensitization: Category 1

Label Elements:

Hazard Statements:

- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H317: May cause an allergic skin reaction

Precautionary Statements:

- P261: Avoid breathing dust/fume/gas/mist/vapors/spray
- P264: Wash hands thoroughly after handling
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P333+P313: If skin irritation or rash occurs: Get medical advice/attention
- P337+P313: If eye irritation persists: Get medical advice/attention

3. Composition/Information on Ingredients

Chemical Composition: Two-component epoxy polyurethane system.

Hazardous Ingredients: Contains epoxy resins, amines, and other components, which may cause skin sensitization and eye irritation.

4. First Aid Measures

General Advice: Remove affected persons from the danger area and lay down.

Inhalation: Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration and seek immediate medical attention.

Skin Contact: Wash off immediately with soap and plenty of water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation develops.

Eye Contact: Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if irritation persists.

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

5. Firefighting Measures

Suitable Extinguishing Media: Carbon dioxide (CO₂), dry chemical, foam, water spray (fog).

Unsuitable Extinguishing Media: Water jet.

Specific Hazards Arising from the Chemical: In case of fire, toxic fumes may be released.

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6. Accidental Release Measures

Personal Precautions: Ensure adequate ventilation. Use personal protective equipment. Avoid contact with skin and eyes.

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

Methods for Cleaning Up: Absorb with inert material and dispose of according to local regulations. Clean contaminated surface thoroughly.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Ensure adequate ventilation. Use personal protective equipment as required.

Storage: Keep in a cool, dry, and well-ventilated place. Store in original containers. Keep away from direct sunlight, heat sources, and incompatible materials.

Storage Temperature: 5°C to 30°C.

8. Exposure Controls/Personal Protection

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

- **Respiratory Protection:** Use a mask or respirator if exposure limits are exceeded or if irritation is experienced.
- **Hand Protection:** Wear protective gloves.
- **Eye Protection:** Safety glasses with side-shields.
- **Skin and Body Protection:** Long-sleeved clothing and closed footwear.

9. Physical and Chemical Properties

| | |
|-------------------|-----------------------------------|
| Physical State | : Liquid |
| Color | : Available in various RAL colors |
| Odor | Mild characteristic odor |
| pH: | Not applicable |
| Boiling Point: | Not determined |
| Flash Point | >100°C |
| Relative Density: | 1.33 - 1.43 gm/cc @ 27°C |
| Solubility: | Insoluble in water |
| Viscosity: | Not determined |

10. Stability and Reactivity

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: Heat, flames, and sparks.

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

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides, and other hazardous fumes.

11. Toxicological Information

Acute Toxicity:

- **Inhalation:** May cause respiratory irritation.
- **Skin Contact:** Causes skin irritation and may cause sensitization by skin contact.
- **Eye Contact:** Causes serious eye irritation.
- **Ingestion:** May cause discomfort if swallowed.
- **Chronic Toxicity:** Prolonged or repeated exposure may cause skin sensitization.

12. Ecological Information

Ecotoxicity: The product is not expected to be hazardous to the environment.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulation: Not expected to bioaccumulate.

Mobility in Soil: No data available.

13. Disposal Considerations

Waste Treatment Methods: Dispose of in accordance with local, state, and federal regulations. Do not contaminate ponds, waterways, or ditches with chemical or used container.

Contaminated Packaging: Empty containers should be taken for local recycling, recovery, or waste disposal

14. Transport Information

UN Number: Not regulated

UN Proper Shipping Name: Not regulated

Transport Hazard Class: Not regulated

Packing Group: Not regulated

Environmental Hazards: None

Special Precautions for User: None

15. Regulatory Information

International Inventories: Compliant with local regulations.

Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture: Ensure all national/local regulations are observed

16. Other Information

Prepared By: Carbolink India Private Limited

Preparation Date: July 23, 2024

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Disclaimer: The information provided in this Safety Data Sheet is based on our current knowledge and experience. It does not guarantee any specific product features and shall not establish a legally valid contractual relationship.