



EP 21 G

Moisture Intensive Free Flow High Strength
Epoxy Resin Grout

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: Carbolink EP 21 G

Product Description: Moisture Intensive Free Flow High Strength Epoxy Resin Grout

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

GHS Classification:

- Skin Irritation: Category 2
- Eye Irritation: Category 2
- Skin Sensitization: Category 1
- Acute Toxicity: Category 4 (Inhalation)

Label Elements:

Signal Word: Warning

Hazard Statements:

- Causes skin irritation.
- Causes serious eye irritation.
- May cause an allergic skin reaction.
- Harmful if inhaled.

Precautionary Statements:

- Avoid breathing vapors.
- Wear protective gloves and eye protection.
- Use only in a well-ventilated area.
- Wash hands thoroughly after handling.

3. Composition/Information on Ingredients

Component: Epoxy Resin

CAS Number: Proprietary Content: 100%

4. First Aid Measures

Inhalation: Move the affected person to fresh air immediately. If breathing is difficult, administer oxygen. Seek medical attention if symptoms persist.

Skin Contact: Wash skin thoroughly with soap and water. Remove contaminated clothing and wash before reuse. Seek medical attention if irritation or rash develops.

Eye Contact: Immediately flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Seek medical attention.

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

5. Firefighting Measures

Suitable Extinguishing Media: Carbon dioxide, dry chemical, foam, or water spray.

Specific Hazards Arising from the Chemical: In case of fire, hazardous decomposition products may include carbon oxides, nitrogen

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oxides, and other toxic fumes.

Protective Equipment for Firefighters: Firefighters should wear full protective clothing, including self-contained breathing apparatus.

6. Accidental Release Measures

Personal Precautions: Wear protective equipment to prevent exposure. Ensure adequate ventilation.

Environmental Precautions: Prevent entry into waterways, drains, or confined areas.

Methods for Cleaning Up: Absorb spill with inert material (e.g., dry sand or earth), then place in a chemical waste container. Dispose of in accordance with local regulations

7. Handling and Storage

Handling: Avoid contact with skin, eyes, and clothing. Do not breathe vapors or mist. Use with adequate ventilation.

Storage: Store in a cool, dry, and well-ventilated area away from incompatible materials. Keep container tightly closed when not in use. Avoid temperatures above 40°C.

8. Exposure Controls/Personal Protection

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

Personal Protective Equipment (PPE):

- **Eye Protection:** Safety glasses with side shields or goggles.
- **Skin Protection:** Wear protective gloves and clothing.
- **Respiratory Protection:** In case of insufficient ventilation, wear suitable respiratory equipment.
- **General Hygiene Considerations:** Wash hands before breaks and immediately after handling the product. Avoid contact with skin, eyes, and clothing.

9. Physical and Chemical Properties

Appearance:	Pale yellow liquid
Odor	Slight
Odor Threshold:	Not available
pH:	Not applicable
Melting Point/Freezing Point:	Not applicable
Initial Boiling Point and Boiling Range:	Not applicable
Flash Point	>100°C
Evaporation Rate:	Not available
Flammability (Solid, Gas):	Not applicable
Upper/Lower Flammability or Explosive Limits:	Not available
Vapor Pressure:	Not available
Vapor Density:	Not available
Relative Density:	1.1 kg/L
Solubility:	Insoluble in water
Partition Coefficient (n-octanol/water):	Not available
Auto-ignition Temperature:	Not available
Decomposition Temperature:	Not available
Viscosity:	1000±100 cps

10. Stability and Reactivity

Reactivity: No dangerous reactions under normal conditions of use.

Chemical Stability: Stable under recommended storage conditions.

Possibility of Hazardous Reactions: None under normal processing.

Conditions to Avoid: Avoid extreme temperatures and direct sunlight.

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

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides, and other toxic fumes may be released during decomposition.

11. Toxicological Information

Acute Toxicity: Harmful if inhaled.

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: May cause damage to organs through prolonged or repeated exposure.

Aspiration Hazard: Not classified

12. Ecological Information

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

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: Not available

Mobility in Soil: Not available

Other Adverse Effects: Avoid release to the environment

13. Disposal Considerations

Dispose of in accordance with local, regional, and national regulations. Do not discharge into drains or the environment. Contaminated packaging should be disposed of as hazardous waste.

14. Transport Information

UN Number: 3082

UN Proper Shipping Name: Environmentally hazardous substance, liquid, n.o.s. (Epoxy Resin)

Transport Hazard Class(es): 9

Packing Group: III

Environmental Hazards: Marine pollutant

Special Precautions for User: None

15. Regulatory Information

This product is classified and labeled according to the GHS regulations. Ensure compliance with local regulations before use.

16. Other Information

The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief 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. It is not to be considered a warranty or quality specification.