



# 3K E

## 3K Epoxy Tile Grout

# MSDS

## Material Safety Data Sheet



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

Product Name: 3K E

Product Description: 3K Epoxy Tile 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 (Inhalation): Category 4
- Chronic Aquatic Toxicity: Category 2

#### Label Elements:

##### Pictograms:

**Signal Word:** Warning

##### Hazard Statements:

- Causes skin irritation.
- Causes serious eye irritation.
- May cause an allergic skin reaction.
- Harmful if inhaled.
- Toxic to aquatic life with long-lasting effects.

##### Precautionary Statements:

- Avoid breathing dust, fumes, or vapors.
- Wash thoroughly after handling.
- Wear protective gloves, eye protection, and face protection.
- Avoid release to the environment.
- If on skin: Wash with plenty of soap and water.
- If in eyes: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.
- If inhaled: Remove person to fresh air and keep comfortable for breathing.
- Call a poison center or doctor if you feel unwell.

### 3. Composition/Information on Ingredients

- **Epoxy Resin (Part A)**
  - CAS Number: [Insert CAS Number]
  - Concentration: 60-80%
- **Hardener (Part B)**
  - CAS Number: [Insert CAS Number]
  - Concentration: 20-30%
- **Filler Powder (Part C)**
  - CAS Number: [Insert CAS Number]

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- Concentration: 10-20%

## 4. First Aid Measures

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

**Skin Contact:** Wash affected area with plenty of soap and water. Remove contaminated clothing and wash it before reuse. Seek medical attention if irritation persists.

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

**Ingestion:** Do not induce vomiting. Rinse mouth thoroughly with water. Seek immediate medical attention.

## 5. Firefighting Measures

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide. Unsuitable Extinguishing Media: Do not use a direct water jet on burning material.

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

**Protective Equipment for Firefighters:** Wear self-contained breathing apparatus and full protective gear.

## 6. Accidental Release Measures

**Personal Precautions:** Wear appropriate protective equipment, including gloves, safety goggles, and respiratory protection. Avoid inhaling vapors or dust. Ensure adequate ventilation.

**Environmental Precautions:** Prevent further leakage or spillage if safe to do so. Do not let product enter drains. Discharge into the environment must be avoided.

**Methods for Containment and Clean Up:** Contain spillage, and then collect with non-combustible absorbent material. Dispose of according to local regulations

## 7. Handling and Storage

**Handling:** Avoid contact with skin, eyes, and clothing. Do not breathe vapors or dust. Ensure adequate ventilation, especially in confined areas. Wash thoroughly after handling.

**Storage:** Keep containers tightly closed in a cool, dry, and well-ventilated place. Store away from incompatible materials such as strong oxidizing agents. Keep away from food, drink, and animal feeding stuffs.

## 8. Exposure Controls/Personal Protection

**Exposure Limits:** No occupational exposure limits have been established for this product. Engineering Controls: Ensure adequate ventilation, especially in confined areas.

**Personal Protective Equipment:**

- **Respiratory Protection:** Use appropriate respiratory protection if ventilation is inadequate.
- **Hand Protection:** Wear protective gloves.
- **Eye Protection:** Use safety glasses with side shields or goggles.
- **Skin and Body Protection:** Wear suitable protective clothing.

## 9. Physical and Chemical Properties

Appearance:	Part A: Viscous liquid; Part B: Liquid; Part C: Powder
Color:	Various colors
Odor	Slight
Odor Threshold:	Not applicable
PH	Not applicable
Melting Point/Freezing Point:	Not determined
Boiling Point	Not determined
Flash Point	> 200°C (392°F)
Evaporation Rate:	Not applicable
Flammability (Solid, Gas):	Not applicable
Upper/Lower Flammability or Explosive Limits:	Not determined
Vapor Pressure:	Not applicable

Vapor Density	Not applicable
Relative Density	Not determined
Solubility:	Insoluble in water
Partition Coefficient (n-octanol/water):	Not determined
Auto-ignition Temperature:	Not determined
Decomposition Temperature:	Not determined
Viscosity:	Not determined
Explosive Properties	Not applicable
Oxidizing Properties:	Not applicable

## 10. Stability and Reactivity

**Reactivity:** Stable under recommended storage conditions.

**Chemical Stability:** Stable under normal conditions.

**Possibility of Hazardous Reactions:** None under normal processing.

**Conditions to Avoid:** Avoid extremes of temperature and direct sunlight.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Incomplete combustion may produce carbon monoxide, carbon dioxide, and nitrogen oxides.

## 11. Toxicological Information

**Acute Toxicity:**

- **Inhalation:** Harmful if inhaled.
- **Skin Contact:** Causes skin irritation and may cause allergic skin reaction.
- **Eye Contact:** Causes serious eye irritation.
- **Ingestion:** Harmful if swallowed.

**Chronic Toxicity:** Prolonged or repeated exposure may cause skin sensitization or other allergic reactions.

**Carcinogenicity:** Not classified as a human carcinogen.

**Mutagenicity:** Not classified.

**Reproductive Toxicity:** Not classified.

## 12. Ecological Information

**Ecotoxicity:** Harmful to aquatic life with long-lasting effects.

**Persistence and Degradability:** Not readily biodegradable.

**Bioaccumulative Potential:** Not expected to bioaccumulate.

**Mobility in Soil:** Not available.

**Other Adverse Effects:** Do not discharge into the environment

## 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of contents/container in accordance with local/regional/national/international regulations.

**Contaminated Packaging:** Dispose of as unused product

## 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 applicable

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

**Special Precautions:** None

## 15. Regulatory Information

This product is classified and labeled according to the GHS (Globally Harmonized System).

**Safety, Health, and Environmental Regulations:**

- Complies with OSHA Hazard Communication Standard (29 CFR 1910.1200).

## 16. Other Information

The information provided in this Safety Data Sheet is based on our current knowledge and experience. This document is intended to describe the product in terms of safety requirements only. The given data does not signify any warranty with regard to the product's properties. Information is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.