



RP 21C

2K High Build Polymer Modified Cementitious
Reinstatement Mortar

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: CarbolinkRP 21C

Product Description: 2K High Build Polymer Modified Cementitious Reinstatement Mortar

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

Potential Health Effects:

Inhalation: May cause respiratory irritation.

Skin Contact: Prolonged contact may cause irritation or allergic reactions in sensitive individuals.

Eye Contact: May cause eye irritation.

Ingestion: Ingestion may cause gastrointestinal discomfort or irritation.

3. Composition/Information on Ingredients

Components:

Cement: 25-50%

Polymer Modifier: 5-15%

Graded Sand: 20-40%

Chemical Additives: 1-5%

4. First Aid Measures

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

Skin Contact: Wash thoroughly with soap and water. Remove contaminated clothing and wash before reuse.

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

Ingestion: Do not induce vomiting. Rinse mouth and drink plenty of water. Seek medical attention.

5. Firefighting Measures

Suitable Extinguishing Media: Water spray, foam, dry chemical, or carbon dioxide.

Specific Hazards: The product is not flammable. In a fire, it may decompose and produce hazardous fumes.

Protective Equipment: Wear self-contained breathing apparatus and protective clothing to prevent contact with skin and eyes.

6. Accidental Release Measures

Personal Precautions: Wear appropriate protective equipment to prevent skin and eye contact.

Environmental Precautions: Prevent the product from entering drains, waterways, or soil.

Clean-up Methods: 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

7. Handling and Storage

Handling: Avoid inhalation of dust. Wear appropriate protective equipment.

Storage: Store in a cool, dry place in tightly sealed containers. Protect from moisture and direct sunlight. Keep away from food and

drink.

8. Exposure Controls/Personal Protection

Exposure Limits:

Cement: ACGIH TLV: 10 mg/m³

Graded Sand: ACGIH TLV: 0.1 mg/m³ (respirable fraction)

Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment:

Respiratory Protection: Use a suitable respirator if exposure limits are exceeded.

Skin Protection: Wear protective gloves and clothing.

Eye Protection: Wear safety goggles or face shield.

General Hygiene: Wash hands after handling and before eating or drinking.

9. Physical and Chemical Properties

Appearance:	Grey powder
Odor:	Odorless
pH:	Alkaline when mixed with water
Boiling Point:	Not applicable
Melting Point:	Not applicable
Flash Point	Not applicable
Flammability:	Non-flammable
Relative Density:	Approximately 1600 kg/m ³
Solubility:	Slightly soluble in water

10. Stability and Reactivity

Chemical Stability: Stable under normal conditions.

Conditions to Avoid: Avoid moisture and humidity.

Incompatible Materials: Strong acids, strong alkalis, and oxidizing agents.

Hazardous Decomposition Products: None known under normal conditions

11. Toxicological Information

Acute Toxicity: Not classified as toxic.

Skin Corrosion/Irritation: May cause skin irritation on prolonged exposure.

Serious Eye Damage/Irritation: May cause eye irritation.

Respiratory or Skin Sensitization: May cause sensitization by skin contact in sensitive individuals.

Carcinogenicity: Contains crystalline silica, which is classified as a Group 1 carcinogen by IARC when inhaled in the form of quartz or cristobalite.

12. Ecological Information

Ecotoxicity: Not expected to be harmful to the environment.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: The product is not mobile in soil

13. Disposal Considerations

Waste Disposal Method: Dispose of in accordance with local, regional, and national regulations. Contaminated Packaging: Dispose of as unused product.

14. Transport Information

UN Number: Not regulated

UN Proper Shipping Name: Not applicable

Transport Hazard Class: Not applicable

Packing Group: Not applicable

Environmental Hazards: Not applicable

Special Precautions for User: Not applicable

15. Regulatory Information

Regulatory Status: The product is not classified as hazardous under GHS.

Safety, Health, and Environmental Regulations: Comply with all applicable regulations.

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 guidance for safe handling, use, processing, storage, transportation, and disposal, and is not to be considered as a warranty or quality specification. The user of the product must test the product's suitability for the intended application and purpose.