



# MC 100

High Performance Cementitious Repair Micro Concrete

## MSDS Material Safety Data Sheet



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

Product Name: CarbolinkMC 100

Product Description: High Performance Cementitious Repair Micro Concrete

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

#### Classification of the Substance or Mixture:

- Skin Irritation: Category 2
- Eye Irritation: Category 2
- Specific Target Organ Toxicity (Single Exposure): Category 3

#### Label Elements:

- **Signal Word:** Warning
- **Hazard Statements:**
- H315: Causes skin irritation
- H319: Causes serious eye irritation
- H335: May cause respiratory irritation

#### Precautionary Statements:

- P261: Avoid breathing dust
- P280: Wear protective gloves/protective clothing/eye protection/face protection
- P302 + P352: IF ON SKIN: Wash with plenty of soap and water
- P305 + P351 + P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing
- P312: Call a POISON CENTER or doctor/physician if you feel unwell
- P501: Dispose of contents/container in accordance with local/regional/national/international regulations

### 3. Composition/Information on Ingredients

#### Chemical Composition:

- **Cement:** CAS Number: 65997-15-1, Concentration: 40-60%
- **Quartz Sand:** CAS Number: 14808-60-7, Concentration: 20-40%
- **Other Non-Hazardous Ingredients:** CAS Numbers: Proprietary, Concentration: 10-20%

### 4. First Aid Measures

**General Advice:** Ensure that medical personnel are aware of the material(s) involved and take precautions to protect themselves.

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. If not breathing, give artificial respiration. Get medical attention immediately.

**Skin Contact:** Wash off immediately with plenty of water. Remove contaminated clothing and shoes. Wash clothing before reuse. If irritation develops or persists, seek medical attention.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Remove contact lenses if present and easy to do. Continue rinsing. Get medical attention immediately.

**Ingestion:** Do NOT induce vomiting. Never give anything by mouth to an unconscious person. Rinse mouth with water. Get medical attention immediately.

Material Safety Data Sheet

MC 100

July 2024, Version MSDS/01.001

attention if symptoms occur.

## 5. Firefighting Measures

**Suitable Extinguishing Media:** Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

**Special Hazards Arising from the Substance or Mixture:** Incomplete combustion may form carbon monoxide. May generate toxic fumes when exposed to high temperatures.

**Advice for Firefighters:** Wear self-contained breathing apparatus and full protective gear. Use water spray to cool unopened containers.

## 6. Accidental Release Measures

**Personal Precautions:** Avoid breathing dust. Ensure adequate ventilation. Evacuate personnel to safe areas. Wear appropriate personal protective equipment.

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

**Methods and Materials for Containment and Cleaning Up:** Contain spillage, and then collect by sweeping or vacuuming, and place in container for disposal according to local regulations.

## 7. Handling and Storage

**Precautions for Safe Handling:** Avoid contact with skin and eyes. Avoid inhalation of dust. Use only in well-ventilated areas. Keep away from heat and sources of ignition.

**Conditions for Safe Storage, Including Any Incompatibilities:** Keep container tightly closed in a dry and well-ventilated place. Store in a cool place. Keep away from direct sunlight, heat, and moisture.

## 8. Exposure Controls/Personal Protection

Occupational exposure limits are not established for this product.

**Exposure Controls:**

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

**Personal Protective Equipment:**

**Respiratory Protection:** Use a NIOSH/MSHA approved respirator if exposure limits are exceeded or if irritation occurs.

**Hand Protection:** Wear protective gloves.

**Eye Protection:** Wear safety glasses with side shields (or goggles).

**Skin and Body Protection:** Wear appropriate protective clothing to prevent skin exposure.

## 9. Physical and Chemical Properties

Appearance:	Grey powder
Odor	Odorless
Odor Threshold:	Not applicable
pH:	Alkaline when mixed with water
Melting Point/Freezing Point:	Not applicable
Initial Boiling Point and Boiling Range:	Not applicable
Flash Point	Not applicable
Flammability (solid, gas)	Non-flammable
Upper/Lower Flammability or Explosive Limits:	Not applicable
Vapor Pressure:	Not applicable
Vapor Density:	Not applicable
Relative Density	: 1.9 kg/L
Solubility	Slightly soluble in water
Partition Coefficient (n-octanol/water)	Not applicable
Auto-ignition Temperature: :	Not applicable
Decomposition Temperature	Not available
Viscosity:	Not applicable

## 10. Stability and Reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.  
**Chemical Stability:** Stable under recommended storage conditions.  
**Possibility of Hazardous Reactions:** Hazardous polymerization does not occur.  
**Conditions to Avoid:** Heat, moisture, and incompatibilities with strong acids.  
**Incompatible Materials:** Strong acids, strong oxidizing agents.  
**Hazardous Decomposition Products:** None under normal use conditions.

## 11. Toxicological Information

### Information on Toxicological Effects:

- **Acute Toxicity:** May cause skin and eye irritation.
- **Skin Corrosion/Irritation:** Causes skin irritation.
- **Serious Eye Damage/Eye Irritation:** Causes serious eye irritation.
- **Respiratory or Skin Sensitization:** Not expected to be a sensitizer.
- **Germ Cell Mutagenicity:** No data available.
- **Carcinogenicity:** No data available.
- **Reproductive Toxicity:** No data available.
- **STOT-Single Exposure:** May cause respiratory irritation.
- **STOT-Repeated Exposure:** No data available.
- **Aspiration Hazard:** No data available.

## 12. Ecological Information

**Toxicity:** Not classified as environmentally hazardous.  
**Persistence and Degradability:** No data available.  
**Bioaccumulative Potential:** No data available.  
**Mobility in Soil:** No data available.  
**Other Adverse Effects:** Avoid release to the environment.

## 13. Disposal Considerations

### Waste Treatment Methods:

Dispose of contents/container in accordance with local/regional/national/international regulations. Do not discharge into drains or the environment. Contact a licensed waste disposal contractor for detailed recommendations.

## 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 regulated  
**Special Precautions for User:** Not regulated  
**Transport in Bulk According to Annex II of MARPOL 73/78 and the IBC Code:** Not regulated

## 15. Regulatory Information

**Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture:** This safety data sheet complies with the requirements of Regulation (EC) No. 1907/2006.

## 16. Other Information

The information provided in this Safety Data Sheet is based on the present state of our knowledge and is intended to describe the product in terms of health, safety, and environmental requirements only. It should not, therefore, be construed as guaranteeing any specific property of the product.