



BJR 40

Single Component, pre packed polymer modified cement mortar

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: BJR - 40

Chemical Name: Cementitious Mortar Modified with Polymers

Synonyms: Ready-to-Use Block Joint Mortar

Recommended Use: Jointing mortar for AAC blocks, concrete blocks, and fly ash bricks

Supplier: Carbolink India Pvt. Ltd.

Address: 105, 1st Floor, Bhavya's Arcade, Above BATA Showroom, Erragadda, Hyderabad- 500018

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2. Hazards Identification

Classification: This product is classified as non-hazardous under GHS regulations but may cause irritation to skin, eyes, and respiratory system if not handled properly.

Label Elements:

Signal Word:

Warning Hazard Statements:

- May cause mild skin and eye irritation.
- Dust inhalation may cause respiratory irritation.
- Prolonged exposure may cause dry skin and dermatitis.
- Wet mortar may cause alkaline burns if left in prolonged contact with skin.

Precautionary Statements:

- Avoid direct contact with skin, eyes, and clothing.
- Use protective gloves, goggles, and respiratory protection when handling dry powder.
- In case of exposure, rinse thoroughly with clean water.

3. Composition/Information on Ingredients

Chemical Composition:

- **Portland Cement** – 30-50%
- **Silica Sand (Quartz)** – 40-60%
- **Polymers and Performance Additives** – 5-10%

CAS Number: Proprietary Blend

% by Weight: Not applicable

4. First Aid Measures

- **Inhalation:**
 - Move the affected person to fresh air.
 - If breathing difficulty persists, seek medical attention immediately.
- **Skin Contact:**
 - Wash with soap and water.
 - Remove contaminated clothing.
 - If irritation persists, seek medical advice.
- **Eye Contact:**
 - Flush immediately with clean water for at least 15 minutes.
 - Seek medical attention if irritation continues.

Ingestion:

- Do not induce vomiting.
- Rinse mouth with clean water and seek medical assistance.

5. Firefighting Measures

Extinguishing Media:

- Not flammable; use water spray, foam, dry chemical, or carbon dioxide if involved in a fire.

Special Hazards:

- May release irritating dust and fumes under fire conditions.

Protective Equipment:

- Wear self-contained breathing apparatus (SCBA) and protective clothing.

6. Accidental Release Measures

Personal Precautions:

- Avoid generating dust. • Use protective gloves, eye protection, and respirators if necessary.

Environmental Precautions:

- Prevent entry into waterways and drainage systems.

Methods for Cleaning Up:

- Contain spilled material using non-combustible absorbents.
- Collect the material and dispose of it as per local regulations.

7. Handling and Storage

Handling: • Avoid contact with skin, eyes, and clothing.

- Ensure good ventilation at the workplace.

Storage:

- Store in a cool, dry, and well-ventilated area in a tightly closed container.
- Keep away from moisture, heat, and direct sunlight.

8. Exposure Controls/Personal Protection

Engineering Controls:

- Ensure adequate ventilation to minimize dust exposure.

Personal Protective Equipment:

- Eye Protection: Wear safety goggles or face shield.
- Skin Protection: Use impervious gloves and protective clothing.
- Respiratory Protection: Use dust masks or respirators if dust exposure is high.

9. Physical and Chemical Properties

Appearance:	Grey Powder
Odor:	Odorless
pH:	11-13
Boiling Point	Not applicable
Melting Point:	Not applicable
Flash Point:	Non-flammable
Solubility:	Partially soluble in water
Specific Gravity:	1.33 kg/L

10. Stability and Reactivity

Stability:

- Stable under normal storage and handling conditions.

Conditions to Avoid:

- Avoid exposure to moisture before use, as this may cause product degradation.

Incompatible Materials:

- Strong acids and oxidizers.

Hazardous Decomposition Products:

- None under normal use.

11. Toxicological Information

Acute Toxicity:

- No acute toxicity reported, but inhalation of dust may cause respiratory discomfort.

Skin Corrosion/Irritation:

- Wet mortar may cause alkaline burns and skin irritation.

Serious Eye Damage/Irritation:

- May cause eye irritation upon direct contact.

Respiratory or Skin Sensitization:

- Prolonged exposure to dust may cause sensitization.

Carcinogenicity:

- No component is classified as a carcinogen under IARC, NTP, or OSHA.

12. Ecological Information

Ecotoxicity:

- No significant environmental hazard reported.

Persistence and Degradability:

- Non-biodegradable but does not pose significant risk to the environment.

Bioaccumulative Potential:

- Not applicable.

Mobility in Soil:

- Low mobility; remains in solid phase when used in construction.

13. Disposal Considerations

Waste Disposal Method:

- Dispose of according to local, state, and federal regulations.
- Do not discharge into drains or water bodies.

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: None

15. Regulatory Information

- This product does not contain any substances subject to restriction under EU Directive 76/769/EEC.
- It is not classified as dangerous for supply or transport.

16. Other Information

The information contained herein is based on current knowledge and experience. It does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.