



CR 18

2K Pourable Grade PU Sealant

MSDS

Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: CR-18

Chemical Name: Crystalline Waterproofing System and Moisture Seal

Synonyms: Cementitious Waterproofing Compound

Recommended Use: Crystalline waterproofing for concrete and mortar

Supplier: Carbolink India Pvt. Ltd.

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

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Preparation Date: 24-10-2024

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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 material 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% Crystalline Growth Compounds 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

Color	Grey Powder
Odour	Odorless
pH (wet mix)	11-13
Boiling Point	Not applicable
Melting Point	Not applicable
Flash Point	Not flammable
Solubility	Partially soluble in water
Specific Gravity	2.1 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 material 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.