



# Hydro Plug 70

Rapid Setting Water Stopping Mortar

## MSDS Material Safety Data Sheet



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

Product Name: Hydro Plug 70

Use of the Substance: Rapid Setting Water Stopping 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

#### Classification:

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

#### Label Elements:

- Hazard Pictograms:
- Signal Word: Warning

#### Hazard Statements:

- Causes skin irritation.
- Causes serious eye irritation.
- May cause respiratory irritation.

#### Precautionary Statements:

- Wear protective gloves/protective clothing/eye protection/face protection.
- Wash hands thoroughly after handling.
- Avoid breathing dust/fume/gas/mist/vapours/spray.
- Use only outdoors or in a well-ventilated area.

### 3. Composition/Information on Ingredients

**Chemical Characterization:** Cement-based blend of powders

#### Hazardous Ingredients:

- Portland Cement: 30-60%
- Calcium Sulfate: 10-30%
- Silica Sand: 10-30%

### 4. First Aid Measures

**General Advice:** Remove contaminated clothing and shoes immediately.

**Inhalation:** Move to fresh air. If breathing is difficult, give oxygen. Seek medical attention if symptoms persist.

**Skin Contact:** Wash with soap and water. Seek medical attention if irritation persists.

**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 with water. Seek medical attention if symptoms persist.

## 5. Firefighting Measures

**Suitable Extinguishing Media:** Use extinguishing media appropriate for surrounding fire.

**Specific Hazards Arising from the Chemical:** None known.

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

## 6. Accidental Release Measures

**Personal Precautions:** Wear appropriate protective equipment. Avoid breathing dust.

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

**Methods for Cleaning Up:** Sweep up and shovel into suitable containers for disposal. Avoid creating dust.

## 7. Handling and Storage

**Handling:** Avoid contact with skin and eyes. Avoid formation of dust. Use only in well-ventilated areas.

**Storage:** Keep container tightly closed in a dry and well-ventilated place. Store in original container.

## 8. Exposure Controls/Personal Protection

**Exposure Limits:**

- Portland Cement: TWA 10 mg/m<sup>3</sup>
- Silica Sand: TWA 0.1 mg/m<sup>3</sup>

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

**Personal Protective Equipment:**

- **Respiratory Protection:** Use appropriate respirator when ventilation is inadequate.
- **Hand Protection:** Wear protective gloves.
- **Eye Protection:** Wear safety glasses with side shields.
- **Skin and Body Protection:** Wear suitable protective clothing.

## 9. Physical and Chemical Properties

Appearance	Grey powder
Odour	odourless
pH:	11-13 (when mixed with water)
Melting Point/Freezing Point:	Not Applicable
Initial Boiling Point and Boiling Range:	Not Applicable
Flash Point:	Not Applicable
Evaporation Rate	Not Applicable
Flammability (solid, gas):	Not flammable
Upper/Lower Flammability or Explosive Limits	Not Applicable
Vapor Pressure	Not Applicable
Vapor Density	Not Applicable
Relative Density	2.7-3.1
Solubility(ies)	Slightly soluble in water
Partition Coefficient: n-octanol/water:	Not Applicable
Auto-ignition Temperature:	Not Applicable
Decomposition Temperature:	Not Applicable
Viscosity:	Not Applicable

## 10. Stability and Reactivity

**Reactivity:** No hazardous reactions if stored and handled as prescribed.

**Chemical Stability:** Stable under recommended storage conditions.

**Possibility of Hazardous Reactions:** No hazardous reactions known.

**Conditions to Avoid:** Avoid moisture.

**Incompatible Materials:** Strong acids, strong bases, strong oxidizing agents.

**Hazardous Decomposition Products:** None known.

## 11. Toxicological Information

**Acute Toxicity:**

- **Inhalation:** May cause respiratory irritation.
- **Skin Contact:** Causes skin irritation.
- **Eye Contact:** Causes serious eye irritation.
- **Ingestion:** May cause discomfort if swallowed.

**Chronic Toxicity:** Prolonged inhalation of dust may cause lung damage.

## 12. Ecological Information

**Ecotoxicity:** Not classified as environmentally hazardous.

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

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

**Mobility in Soil:** Slightly soluble in water.

## 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of in accordance with local 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 regulated

**Special Precautions for User:** No special precautions required.

## 15. Regulatory Information

**Safety, Health and Environmental Regulations:** Ensure all national/local regulations are observed.

## 16. Other Information

**Preparation Date:** July 23, 2024

**Revision Date:** July 23, 2024

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