



# MCHB 101

Two-component, heavy-duty, coal tar-based PU coating for steel and concrete

## MSDS

## Material Safety Data Sheet



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

Product Name: Carbolink MCHB 101

Product Description Self - Two-component, heavy-duty, coal tar-based PU coating for steel and concrete

Manufacturer/Supplier: **Carbolink India Private Limited**

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

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### 2. Hazards Identification

#### Potential Health Effects:

**Inhalation:** May cause respiratory irritation.

**Skin Contact:** May cause skin irritation. Prolonged contact may cause dermatitis.

**Eye Contact:** May cause eye irritation.

**Ingestion:** Harmful if swallowed.

### 3. Composition/Information on Ingredients

**Component A:** Polyurethane resin

**Component B:** Coal tar pitch-based hardener

**Other Ingredients:** Proprietary additives

### 4. First Aid Measures

**Inhalation:** Move the exposed person to fresh air. Seek medical attention if symptoms persist.

**Skin Contact:** Wash affected area with plenty of soap and water. Do not use solvents. Seek medical attention if irritation persists.

**Eye Contact:** Rinse immediately with plenty of clean water for at least 15 minutes. Seek medical attention.

**Ingestion:** Do not induce vomiting. Seek immediate medical attention.

### 5. Firefighting Measures

**Flash Point:** 43°C

**Fire Hazards:** Flammable.

**Extinguishing Media:** Use foam, dry chemical, or carbon dioxide.

**Fire Fighting Procedures:** Wear full protective gear and a self-contained breathing apparatus (SCBA).

**Special Hazards:** Toxic fumes may be emitted under fire conditions.

### 6. Accidental Release Measures

**Personal Precautions:** Wear suitable protective clothing, gloves, and eye protection.

**Environmental Precautions:** Prevent entry into drains, watercourses, or soil.

**Spill Response:** Contain and collect spillage. Dispose of according to local regulations.

### 7. Handling and Storage

**Handling:** Use with adequate ventilation. Avoid contact with skin, eyes, and clothing.

**Storage:** Keep in a cool, dry place away from heat and direct sunlight. Store in tightly closed containers

## 8. Exposure Controls/Personal Protection

**Engineering Controls:** Ensure adequate ventilation.

**Personal Protective Equipment:**

**Respiratory Protection:** Use an approved respirator if ventilation is inadequate.

**Skin Protection:** Wear protective gloves and clothing.

**Eye Protection:** Use safety goggles or face shield.

## 9. Physical and Chemical Properties

Appearance	Black / Tan / Light Grey liquid
Odor	Characteristic
PH	Not applicable
Boiling Point:	Not available
Flash Point	: 43°C
Specific Gravity	Approximately 1.2
Solubility	Insoluble in water
VOC Content:	<50 g/L

## 10. Stability and Reactivity

**Stability:** Stable under normal conditions.

**Conditions to Avoid:** Heat, open flames, and sparks.

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide, carbon dioxide, and other toxic fumes.

**Hazardous Polymerization:** Will not occur.

## 11. Toxicological Information

**Acute Toxicity:** May cause respiratory, skin, and eye irritation.

**Chronic Toxicity:** Prolonged or repeated exposure may cause skin sensitization or dermatitis.

**Carcinogenicity:** Contains coal tar pitch, which is a known carcinogen.

**Mutagenicity:** Not determined.

**Reproductive Toxicity:** Not determined.

## 12. Ecological Information

**Environmental Effects:** Harmful to aquatic life.

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

**Bioaccumulative Potential:** Not determined.

**Mobility in Soil:** Low mobility in soil.

**Other Adverse Effects:** May cause long-term adverse effects in the aquatic environment.

## 13. Disposal Considerations

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

## 14. Transport Information

**UN Number:** UN 1993

**UN Proper Shipping Name:** Flammable liquid, n.o.s. (contains Coal Tar Pitch and Polyurethane)

**Transport Hazard Class:** 3

**Packing Group:** III

**Environmental Hazards:** Marine pollutant

**Special Precautions:** None

## 15. Regulatory Information

Regulatory Status: This product is classified as hazardous under OSHA regulations. SARA 313: This product contains a toxic chemical subject to reporting requirements.

## 16. Other Information

This Material Safety Data Sheet is based on our current knowledge and is intended to describe the product for the purposes of health,

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July 2024, Version MSDS/01.001

safety, and environmental requirements only. It should not be construed as guaranteeing any specific property of the product.

**Disclaimer**

The information and recommendations provided in this MSDS are based on our current knowledge and experience. The data is intended to be used as a guide for safe handling, use, processing, storage, transportation, disposal, and release. This document is not to be considered a warranty or quality specification.

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**Issue Date:** [Today's Date]

**Revision Date:** [Today's Date]