



# RM 34P

Cold Plastic Road Marking Material

## MSDS Material Safety Data Sheet



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

Product Name: Carbolink RM 34P

Chemical Name: Cold Plastic Road Marking Material

Synonyms: None

Recommended Use: Road marking for highways, pedestrian crossings, urban roads, airports, and industrial areas.

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

Preparation Date: 24-10-2024

Revision Date: 24-10-2024

Issue Date: 24-10-2024

### 2. Hazards Identification

**Classification:** This product is classified as non-hazardous under GHS regulations.

**Label Elements**

**Signal Word: Warning :**

**Hazard Statements:**

- May cause skin and eye irritation.
- Harmful if inhaled.
- May cause respiratory tract irritation.
- Flammable liquid and vapor

**Precautionary Statements:**

- Avoid breathing vapors or fumes.
- Use in a well-ventilated area.
- Wear protective gloves, eye protection, and a respirator if necessary.
- Keep away from heat, sparks, and open flames.
- Do not ingest.

### 3. Composition/Information on Ingredients

Chemical Component	CAS Number	% by Weight
Methacrylate Resin	Proprietary	60 – 70%
Pigments	Proprietary	5 – 15%
Dibenzoyl Peroxide	94-36-0	1 – 2%
Fillers & Additives	Proprietary	10 – 20%

### 4. First Aid Measures

**Inhalation:** Move the affected person to fresh air. If breathing difficulty persists, seek medical attention immediately.

**Skin Contact:** Wash affected areas with soap and water. Remove contaminated clothing and wash before reuse. If irritation occurs, seek medical attention.

**Eye Contact:** Flush eyes with plenty of water for at least 15 minutes. Remove contact lenses if present. Seek medical attention if irritation persists.

**Ingestion:** Do not induce vomiting. Rinse mouth with water. Seek immediate medical attention.

## 5. Firefighting Measures

**Extinguishing Media:**

- Dry chemical, foam, carbon dioxide, or water fog.

**Special Firefighting Procedures:**

- Wear self-contained breathing apparatus (SCBA) and full protective clothing.
- Cool containers exposed to fire with water spray.

**Hazardous Combustion Products:**

- Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>), and other toxic fumes.

## 6. Accidental Release Measures

**Personal Precautions:**

- Use protective equipment including gloves, safety goggles, and a respirator.
- Eliminate all sources of ignition.

**Environmental Precautions:**

- Prevent product from entering drains, waterways, or soil.

**Cleanup Methods:**

- Absorb spill with inert material (sand, dry earth).
- Dispose of collected material in accordance with local regulations.

## 7. Handling and Storage

**Handling:**

- Keep away from heat, sparks, open flames, and hot surfaces.
- Use only in well-ventilated areas.
- Do not eat, drink, or smoke while handling this material.

**Storage:**

- Store in cool, dry conditions (5 – 25°C) away from direct sunlight.
- Keep containers tightly closed.
- Keep away from incompatible materials such as oxidizers.

## 8. Exposure Controls/Personal Protection

**Engineering Controls:**

- Use adequate ventilation or exhaust systems to control airborne concentrations.

**Personal Protective Equipment:**

**Eye Protection:** Safety goggles or face shield.

**Skin Protection:** Chemical-resistant gloves.

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

## 9. Physical and Chemical Properties

Appearance:	Pigmented viscous liquid
Color	White, yellow, or custom shades
Odor	Mild, characteristic odor
Specific Gravity	1.50 – 1.70
Flash Point	> 100°C (212°F)
Solubility in Water	Insoluble
Boiling Point	> 150°C (302°F)
Viscosity (25°C)	3000 – 4000 cPs
pH	Not applicable

## 10. Stability and Reactivity

**Stability:** Stable under normal conditions of use.

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

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon monoxide (CO), carbon dioxide (CO<sub>2</sub>).

## 11. Toxicological Information

**Acute Toxicity:**

- May cause mild to moderate skin and eye irritation.
- Inhalation of vapors may cause dizziness or headaches.

**Carcinogenicity:** No known carcinogenic effects.

## 12. Ecological Information

**Ecotoxicity:** • Harmful to aquatic life. Prevent material from entering waterways.

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

**Bioaccumulative Potential:** • No significant bioaccumulation expected.

## 13. Disposal Considerations

**Waste Disposal Method:** • Dispose of product and contaminated materials in accordance with local, state, and federal regulations.

## 14. Transport Information

**UN Number:** Not regulated

**Proper Shipping Name:** Cold Plastic Road Marking Material

**Transport Hazard Class:** Not classified as hazardous

**Packing Group:** Not applicable

**Environmental Hazards:** Avoid spillage into waterways

## 15. Regulatory Information

- Compliant with EN 1436 (Road Safety Markings) and ASTM D713 (Road Marking Reflectivity).
- VOC content within regulatory limits.

## 16. Other Information

The information contained in this MSDS is based on the current state of knowledge and experience. It does not guarantee specific properties or suitability for particular applications. The user must determine the material's suitability for their intended use. Carbolink reserves the right to change product properties without prior notice. For further details, always refer to the most recent MSDS and technical documentation available upon request.