



# Prime Zn 30

Two-Component Anti Corrosive  
Zinc Rich Primer

## MSDS Material Safety Data Sheet



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

Product Name: Carbolink Prime Zn 30

Product Description: Two-Component Anti Corrosive Zinc Rich Primer

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

**Hazard Classification:** Classified as hazardous according to the criteria of GHS.

**GHS Label Elements:**

- **Signal Word:** Warning
- **Hazard Statements:** May cause skin and eye irritation, May cause respiratory irritation, Harmful if swallowed
- **Precautionary Statements:** Avoid breathing vapors, Use in well-ventilated areas, Wear protective gloves and eye protection

### 3. Composition/Information on Ingredients

**Chemical Composition:**

- Zinc Powder: 70-75%
- Epoxy Resin: 15-20%
- Curing Agents: 5-10%
- Additives: 1-5%

### 4. First Aid Measures

**Inhalation:** Move the person to fresh air. If breathing is difficult, administer oxygen and seek medical attention.

**Skin Contact:** Wash the affected area with soap and water. Remove contaminated clothing. Seek medical attention if irritation persists.

**Eye Contact:** Rinse immediately with plenty of water, also under the eyelids, for at least 15 minutes. Seek medical attention if irritation persists.

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

### 5. Firefighting Measures

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

**Special Hazards Arising from the Substance:** May produce toxic fumes if involved in a fire.

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

### 6. Accidental Release Measures

**Personal Precautions:** Ensure adequate ventilation. Wear appropriate protective equipment.

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

**Methods for Cleaning Up:** Contain and collect spillage with non-combustible absorbent materials (e.g., sand, earth, diatomaceous earth) and place in container for disposal according to local regulations.

### 7. Handling and Storage

**Handling:** Avoid contact with skin and eyes. Use only in well-ventilated areas. Do not breathe vapors or spray mist.

**Storage:** Store in a cool, dry place. Keep container tightly closed. Store away from incompatible materials.

## 8. Exposure Controls/Personal Protection

### Exposure Limits:

- Zinc Powder: 10 mg/m<sup>3</sup> (TWA)

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

### Personal Protective Equipment:

- Respiratory Protection: Use NIOSH-approved respirators if ventilation is inadequate.
- Hand Protection: Wear protective gloves.
- Eye Protection: Wear safety goggles.
- Skin and Body Protection: Wear protective clothing.

## 9. Physical and Chemical Properties

Appearance	Grey powder
Odor	Slight odor
PH	Not applicable
Melting Point/Freezing Point	Not determined
Initial Boiling Point and Boiling Range	Not applicable
Flash Point	>40°C
Evaporation Rate	Not determined
Flammability	Not flammable
Vapor Pressure	Not applicable
Vapor Density	Not determined
Density	1.50 ± 0.02 g/cm <sup>3</sup>
Solubility	Insoluble in water
Auto-Ignition Temperature	Not determined
Decomposition Temperature	Not determined
Viscosity	Not applicable

## 10. Stability and Reactivity

**Reactivity:** No dangerous reaction known under conditions of normal use.

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

**Possibility of Hazardous Reactions:** None under normal processing.

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

**Incompatible Materials:** Strong oxidizing agents.

**Hazardous Decomposition Products:** Carbon oxides, nitrogen oxides, zinc oxides.

## 11. Toxicological Information

### Acute Toxicity:

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

**Chronic Toxicity:** Prolonged or repeated exposure may cause damage to organs.

## 12. Ecological Information

**Ecotoxicity:** Harmful to aquatic life with long-lasting effects.

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

**Bioaccumulative Potential:** Not determined.

**Mobility in Soil:** Not determined.

**Other Adverse Effects:** No information available.

### 13. Disposal Considerations

**Waste Treatment Methods:** Dispose of in accordance with local regulations. Do not discharge into drains or the environment.

**Contaminated Packaging:** Dispose of as unused product.

### 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

### 15. Regulatory Information

**Safety, Health, and Environmental Regulations:** Comply with all applicable local, national, and international regulations.

### 16. Other Information

**Prepared by:** Carbolink India Private Limited

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

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

**Disclaimer:** The information and recommendations regarding the application and end-use of Carbolink products are provided in good faith based on our current knowledge and experience. Due to variations in materials, substrates, and actual site conditions, no warranty of merchantability or fitness for a specific purpose can be inferred. The user must determine the product's suitability for the intended application. Carbolink reserves the right to change the properties of its products. All proprietary rights of third parties must be observed. Orders are subject to our current terms of sale and delivery. Always refer to the most recent local Product Data Sheet, available upon request.