



PU Elastobond 101

UV-resistant, High Elastic polyurethane waterproof membrane

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: Carbolink PU Elastobond 101
use of the substance: UV-resistant, High Elastic polyurethane waterproof membrane
Company: **Carbolink India Private Limited**
Address: 105, 1st Floor, Bhavya's Arcade, Above BATA Showroom,
Erragadda, Hyderabad- 500018
Contact Information: +91 9246399551, info@carbolinkindia.com
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2. Hazards Identification

Hazard Identification: PU Elastobond 101 may cause skin and eye irritation upon contact.
Prolonged inhalation of vapors may cause respiratory irritation.
Classification: Not classified as hazardous under normal use conditions.

Label Elements:

- **Symbol:** None
- **Signal Word:** Warning
- **Hazard Statements:** May cause skin and eye irritation.
- **Precautionary Statements:** Avoid contact with skin and eyes. Use in well-ventilated areas.

3. Composition/Information on Ingredients

Chemical Characterization: Polyurethane resin with inorganic fillers.
Hazardous Ingredients:
Polyurethane resin (CAS Number: Proprietary)
Inorganic fillers (CAS Number: Proprietary)

4. First Aid Measures

Inhalation: Move to fresh air. If symptoms persist, seek medical attention.
Skin Contact: Wash with soap and water. Remove contaminated clothing. Seek medical attention if irritation develops.
Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if symptoms persist.
Ingestion: Do not induce vomiting. Rinse mouth and drink plenty of water. Seek medical attention immediately.

5. Firefighting Measures

Suitable Extinguishing Media: Carbon dioxide, dry chemical powder, or foam.
Unsuitable Extinguishing Media: Water jet.
Special Hazards: In case of fire, toxic fumes may be emitted.
Protective Equipment for Firefighters: Wear self-contained breathing apparatus and protective clothing.

6. Accidental Release Measures

Personal Precautions: Wear protective clothing, gloves, and eye protection. Ensure adequate ventilation.
Environmental Precautions: Prevent entry into waterways, drains, or soil.
Methods for Cleaning Up: Absorb with inert material and dispose of according to local regulations. Clean the affected area with water and detergent.

7. Handling and Storage

Handling: Avoid contact with skin, eyes, and clothing. Use in well-ventilated areas.

Storage: Store in original, unopened containers in a cool, dry, well-ventilated area at temperatures between 5°C and 25°C. Keep away from direct sunlight and sources of heat.

8. Exposure Controls/Personal Protection

Exposure Limits: Not established.

Engineering Controls: Use in well-ventilated areas.

Personal Protective Equipment:

- **Respiratory Protection:** Use appropriate respiratory protection if ventilation is inadequate.
- **Hand Protection:** Wear protective gloves.
- **Eye Protection:** Wear safety glasses or goggles.
- **Skin and Body Protection:** Wear appropriate protective clothing.

9. Physical and Chemical Properties

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|--|--------------------|
| Appearance | Variable colors |
| Odor | Slight |
| Odor Threshold: | Not available |
| pH: | Not applicable |
| Melting Point/Freezing Point: | Not available |
| Initial Boiling Point and Boiling Range: | Not available |
| Flash Point: | >200°C |
| Evaporation Rate | Not available |
| Flammability | : Not applicable |
| Upper/Lower Flammability or Explosive Limits | Not available |
| Vapor Pressure: | Not available |
| Vapor Density | Not available |
| Relative Density: | 1.35 ± 0.05 |
| Solubility: | Insoluble in water |
| Partition Coefficient (n-octanol/water): | Not available |
| Auto-ignition Temperature: | Not available |

10. Stability and Reactivity

Reactivity: Stable under recommended storage conditions.

Chemical Stability: Stable under normal conditions.

Possibility of Hazardous Reactions: No hazardous reactions known under normal use.

Conditions to Avoid: Extremes of temperature and direct sunlight.

Incompatible Materials: strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides, nitrogen oxides, and other toxic fumes.

11. Toxicological Information

Acute Toxicity:

Inhalation: Prolonged inhalation may cause respiratory irritation.

Skin Contact: May cause skin irritation.

Eye Contact: May cause eye irritation.

Ingestion: May be harmful if swallowed.

12. Ecological Information

Ecotoxicity: No data available.

Persistence and Degradability: No data available.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

Other Adverse Effects: No data available.

13. Disposal Considerations

Waste Treatment Methods: Dispose of in accordance with local regulations. Should not be released into the environment.

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 applicable.

Special Precautions: None.

15. Regulatory Information

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

Chemical Safety Assessment: Not conducted

16. Other Information

Disclaimer: The information provided in this Safety Data Sheet is based on our current knowledge and experience. It is intended to describe the product in terms of health and safety requirements and should not be construed as guaranteeing specific properties. Users should conduct their own assessments to ensure the suitability of the product for their specific purposes.