



101 2K PU

Elastomeric Polyurea Membrane

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: 101 2K PU

Use of the substance: Elastomeric Polyurea Membrane

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

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2. Hazards Identification

Classification of the Substance:

May cause sensitization by skin contact. Harmful by inhalation, in contact with skin and if swallowed. Irritating to eyes and skin.

3. Composition/Information on Ingredients

Chemical Composition: Two-component polyurethane resin system.

4. First Aid Measures

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

Skin Contact: Remove contaminated clothing. Wash thoroughly with soap and water. Do not use solvents or thinners.

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 with water. Seek medical attention immediately.

5. Firefighting Measures

Suitable Extinguishing Media: Dry chemical, carbon dioxide, foam.

Unsuitable Extinguishing Media: Water jet.

Special Hazards Arising from the Substance: Toxic fumes may be released in case of fire.

Protective Equipment for Firefighters: Wear self-contained breathing apparatus and full protective clothing

6. Accidental Release Measures

Personal Precautions: Wear suitable protective clothing, gloves, and eye/face protection. Ensure adequate ventilation.

Environmental Precautions: Prevent product from entering drains, watercourses, or soil.

Methods for Cleaning Up: Absorb with inert material and dispose of in accordance with local regulations. Clean with water and detergent.

7. Handling and Storage

Handling: Avoid contact with skin and eyes. Use in a well-ventilated area. Keep away from sources of ignition.

Storage: Store in original, unopened containers in a dry, cool place. Keep away from direct sunlight and sources of heat.

8. Exposure Controls/Personal Protection

Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment:

Respiratory Protection: Use an approved respirator if exposure limits are exceeded or if irritation or other symptoms are experienced.

Hand Protection: Wear protective gloves.

Eye Protection: Wear safety glasses or goggles.

Skin and Body Protection: Wear suitable protective clothing.

9. Physical and Chemical Properties

Appearance	Two-component homogeneous paste
Density:	1.35 ± 0.05 g/cm ³
Odor	Characteristic
pH:	Not applicable
Boiling Point	Not determined
Flash Point:	Not applicable
Water Solubility	Insoluble in water

10. Stability and Reactivity

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Extreme temperatures, direct sunlight.

Incompatible Materials: Strong acids, alkalis, and oxidizing agents.

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

11. Toxicological Information

Acute Toxicity: May cause sensitization by skin contact. Harmful by inhalation, in contact with skin, and if swallowed.

Skin Contact: Irritating to skin.

Eye Contact: Irritating to eyes.

Inhalation: Harmful if inhaled. May cause respiratory irritation.

Ingestion: Harmful if swallowed.

12. Ecological Information

Eco-toxicity: Not classified.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Waste Treatment Methods: Dispose of in accordance with local, state, and federal regulations.

Contaminated Packaging: Dispose of as unused product.

14. Transport Information

UN Number: Not classified as hazardous for transport.

UN Proper Shipping Name: Not applicable.

Transport Hazard Class(es): Not applicable.

Packing Group: Not applicable.

Environmental Hazards: Not applicable.

15. Regulatory Information

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

Chemical Safety Assessment: No data available.

16. Other Information

Disclaimer: The information provided in this Safety Data Sheet is correct to the best of our knowledge, information, and belief at the date of its publication. The information given is designed only as a guidance for safe handling, use, processing, storage, transportation, disposal, and release. This information is not to be considered a warranty or quality specification.

Prepared By: Carbolink

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