



Polyseal 11 S

2K Primer for Polyurethane Sealants

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: Polyseal 11 S

Chemical Name: 2K Primer for Polyurethane Sealants

Synonyms: Polyurethane Primer

Recommended Use: Adhesion promoter for polyurethane sealants in construction applications

Supplier: Carbolink India Pvt. Ltd. Address: 105, 1st Floor, Bhavya's Arcade, Above BATA Showroom, Erragadda, Hyderabad- 500018

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Preparation Date: 24-10-2024

Revision Date: 24-10-2024

Issue Date: 24-10-2024

2. Hazards Identification

Classification:

This product is classified as hazardous under GHS regulations.

Label Elements:

• **Signal Word:** Warning

• **Hazard Statements:**

- o May cause skin and eye irritation
- o May cause respiratory irritation
- o Harmful if swallowed or inhaled
- o May cause allergic skin reactions

• **Precautionary Statements:**

- o Avoid direct contact with skin and eyes
- o Use protective gloves, safety glasses, and a respirator
- o Work in a well-ventilated area
- o Do not inhale vapors
- o In case of contact with eyes or skin, rinse immediately with plenty of water

3. Composition/Information on Ingredients

Chemical Composition:

- **Part A (Base Resin):** Polyurethane Prepolymer
- **Part B (Hardener):** Isocyanate-Based Curing Agent
- **CAS Numbers:** Proprietary blend
- **% by Weight:** Not applicable

4. First Aid Measures

Inhalation: Remove the affected person to fresh air immediately. If symptoms persist, seek medical attention.

Skin Contact: Wash skin with soap and water. If irritation persists, seek medical attention.

Eye Contact: Rinse immediately with plenty of water for at least 15 minutes. Seek medical attention if irritation develops.

Ingestion: Do not induce vomiting. Seek medical attention immediately.

5. Firefighting Measures

Extinguishing Media: Use foam, dry chemical, CO₂, or water spray.

Special Hazards: May emit toxic fumes under fire conditions.

Protective Equipment: Wear self-contained breathing apparatus (SCBA) and full protective gear.

6. Accidental Release Measures

Personal Precautions: Avoid contact with skin and eyes. Use protective equipment.

Environmental Precautions: Do not allow spills to enter drains or water sources.

Methods for Cleaning Up: Contain spills with absorbent material (sand, earth) and dispose of in accordance with local regulations.

7. Handling and Storage

Handling:

- Use only in a well-ventilated area.
- Avoid contact with skin and eyes.
- Ensure proper protective equipment is worn.

Storage: • Store in a cool, dry place.

- Keep containers tightly closed.
- Protect from moisture and direct sunlight.
- Store at +5°C to +25°C.

8. Exposure Controls/Personal Protection

Engineering Controls: Use with adequate ventilation.

Personal Protective Equipment (PPE):

- **Eye Protection:** Safety goggles
- **Skin Protection:** Chemical-resistant gloves
- **Respiratory Protection:** Use organic vapor respirator if exposure limits are exceeded

9. Physical and Chemical Properties

| | |
|---------------|--------------------|
| Appearance | Grey paste |
| Odor | Mild odor |
| pH | Not applicable |
| Boiling Point | >150°C |
| Flash Point | >80°C |
| Density | 1.6 - 1.7 kg/l |
| Solubility | Insoluble in water |

10. Stability and Reactivity

Stability: Stable under normal conditions.

Conditions to Avoid: Heat, moisture, and direct sunlight.

Incompatible Materials: Strong oxidizing agents.

Hazardous Decomposition Products: Carbon oxides and nitrogen oxides.

11. Toxicological Information

Acute Toxicity: No data available.

Skin Corrosion/Irritation: May cause mild skin irritation.

Serious Eye Damage/Irritation: May cause eye irritation.

Respiratory Sensitization: May cause respiratory irritation.

Carcinogenicity: No component is classified as a carcinogen.

12. Ecological Information

Ecotoxicity: No data available.

Persistence and Degradability: Not readily biodegradable.

Bioaccumulative Potential: No data available.

Mobility in Soil: No data available.

13. Disposal Considerations

Waste Disposal Method:

- Dispose of in accordance with local, state, and federal regulations.
- Do not allow material to enter watercourses or drains.

14. Transport Information

UN Number: Not regulated

UN Proper Shipping Name: Not applicable

Transport Hazard Class: Not applicable

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Packing Group: Not applicable

Environmental Hazards: Not applicable

Special Precautions for User: None

15. Regulatory Information

This product does not contain any substances subject to restriction under EU Directive 76/769/EEC. It is not classified as dangerous for supply or transport.

16. Other Information

The information contained herein is based on our current knowledge and experience. It does not constitute a guarantee for any specific product features and does not establish a legally valid contractual relationship.