



PU RC S 2K

2 Component Solvent Based PU coating

MSDS Material Safety Data Sheet



1. Identification of the Substance/Preparation and Company

Product Name: PU RC S 2K

Product Description: 2 Component Solvent Based PU coating

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

2. Hazards Identification

GHS Classification:

- ☒ Flammable Liquids: Category 3
- ☒ Skin Corrosion/Irritation: Category 2
- ☒ Eye Damage/Irritation: Category 2
- ☒ Specific Target Organ Toxicity (Single Exposure): Category 3

GHS Label Elements:

☒ Symbol:

☒ Signal Word: Warning

☒ Hazard Statements:

- H226: Flammable liquid and vapor.
- H315: Causes skin irritation.
- H319: Causes serious eye irritation.
- H336: May cause drowsiness or dizziness.

Precautionary Statements:

- P210: Keep away from heat/sparks/open flames/hot surfaces. No smoking.
- P261: Avoid breathing dust/fume/gas/mist/vapors/spray.
- P280: Wear protective gloves/protective clothing/eye protection/face protection.
- P303+P361+P353: IF ON SKIN (or hair): Remove/take off immediately all contaminated clothing. Rinse skin with water/shower.
- P305+P351+P338: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- P312: Call a POISON CENTER or doctor/physician if you feel unwell.

3. Composition/Information on Ingredients

Main Components:

- **Polyurethane Resin (Component A):** Proprietary blend
- **Polyurethane Hardener (Component B):** Proprietary blend
- **Solvent:** Xylene, CAS No. 1330-20-7

4. First Aid Measures

General Advice: Seek medical attention if any irritation or discomfort persists.

Inhalation: Move the affected person to fresh air and keep them at rest. If breathing is difficult, seek medical attention.

Skin Contact: Wash thoroughly with soap and water. Remove any contaminated clothing.

Eye Contact: Rinse cautiously with water for several minutes. Remove contact lenses if present and easy to do. Continue rinsing.

Ingestion: Rinse mouth with water. Do not induce vomiting. Seek medical attention if symptoms occur

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5. Firefighting Measures

Suitable Extinguishing Media: Use water spray, alcohol-resistant foam, dry chemical, or carbon dioxide.

Unsuitable Extinguishing Media: None known.

Specific Hazards: Non-flammable. In case of fire, hazardous decomposition products such as carbon oxides and nitrogen oxides may be formed.

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

6. Accidental Release Measures

Personal Precautions: Avoid contact with skin and eyes. Wear appropriate protective equipment. Remove all sources of ignition.

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

Methods for Cleaning Up: Absorb with inert material and dispose of according to local regulations. Clean the affected area with water.

7. Handling and Storage

Handling: Avoid prolonged contact with skin and eyes. Use in well-ventilated areas. Wear appropriate protective equipment. Keep away from sources of ignition.

Storage: Store in a cool, dry place away from direct sunlight and extreme temperatures. Keep the container tightly closed when not in use.

8. Exposure Controls/Personal Protection

Control Parameters: No specific exposure limits established.

Engineering Controls: Ensure adequate ventilation.

Personal Protective Equipment:

- **Eye/Face Protection:** Safety goggles.
- **Skin Protection:** Protective gloves and clothing.
- **Respiratory Protection:** Use an approved respirator if exposure limits are exceeded or if irritation is experienced.

9. Physical and Chemical Properties

Appearance	Liquid(Components A & B)
Color	Various
Odor	Mild solvent odor
pH	Not applicable
Boiling Point	Not applicable
Flash Point:	>23°C
Density:	1.0 - 1.2 kg/L
Viscosity	Not specified
Solubility	Insoluble in water
VOC Content	Not specified
Pot Life (Mixed):	4.5 - 5 hours at 30°C
Dry Time:	30 minutes (surface dry), 6 hours (hard dry)
Cure Time	7 days

10. Stability and Reactivity

Stability: Stable under recommended storage conditions.

Conditions to Avoid: Avoid extreme temperatures and direct sunlight.

Materials to Avoid: Strong acids, strong bases, and oxidizing agents.

Hazardous Decomposition Products: None under normal use conditions. Decomposition may produce carbon oxides and nitrogen oxides.

11. Toxicological Information

Acute Toxicity: Not classified.

Skin Corrosion/Irritation: May cause mild irritation.

Serious Eye Damage/Irritation: May cause mild irritation.

Respiratory or Skin Sensitization: Not expected to be a sensitizer.

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Carcinogenicity: Not classified as a carcinogen.

Reproductive Toxicity: No data available.

STOT-Single Exposure: No data available.

STOT-Repeated Exposure: No data available.

Aspiration Hazard: Not applicable.

12. Ecological Information

Ecotoxicity: No data available.

Persistence and Degradability: Expected to be biodegradable.

Bioaccumulative Potential: Not expected to bioaccumulate.

Mobility in Soil: No data available.

Other Adverse Effects: None known.

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: 1263

UN Proper Shipping Name: Paint

Transport Hazard Class(es): 3

Packing Group: III

Environmental Hazards: Not applicable.

Special Precautions for User: None.

15. Regulatory Information

Safety, Health, and Environmental Regulations/Legislation Specific for the Substance or Mixture: Complies with relevant local and national regulations.

Chemical Safety Assessment: No chemical safety assessment has been carried out.

16. Other Information

Preparation Date: 19 July 2024

Revision Date: 19 July 2024

Disclaimer: The information provided in this MSDS is based on our current knowledge and is intended to describe the product for the purposes of health, safety, and environmental requirements only. It should not therefore be construed as guaranteeing any specific property of the product.