



Safety Data Sheet

Preformed Line Products, Inc.

Product Name: RD™ Encapsulant Part A Resin

Issue Date : 5/1/15

1. Product and Company Identification

Product Name: RD™ Encapsulant Part A Resin

Chemical Family: Polyol blend

Company Identification

Preformed Line Products, Inc.
1700 Woodhurst Lane
Albemarle, NC 28001
United States

24-hour Emergency Telephone Numbers:

1 800 424 9300 (CHEMTREC)
1 704 984 4817 (Local)

2. Hazards Identification

OSHA Hazard Communication Standard

This product is not classified under the OSHA Hazard Communication Standard, 29 CFR 1910.1200. None of the components in this product are classified under the OSHA Hazard Communication Standard, 29 CFR 1910.1200.

Emergency Overview

Physical State	Liquid
Color	Clear to light yellow
Odor	Mild, typical of polyols

Potential health effects

Eye contact: May cause irritation.

Skin contact: May cause irritation.

Inhalation: If heated, sprayed or otherwise mechanically dispersed, product may generate vapor or mist concentrations sufficient to cause respiratory irritation.

Ingestion: May cause gastric disturbances.



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3. Composition information

<u>CAS #</u>	<u>Amount</u>	<u>Component</u>
NA	100%	Polyol compound blend

4. First-Aid Measures

General advise: Remove contaminated clothing. First Aid responders should pay attention to self-protection.

If inhaled: Move the affected individual to fresh air and keep the person calm. Seek immediate medical attention if breathing difficulty develops.

If on skin: Wash affected areas thoroughly with soap and water. Seek medical attention if irritation develops.

If in eyes: Rinse immediately with water for at least 15 minutes. Seek medical attention if pain, blinking, tears or redness persists.

If swallowed: Rinse mouth and then drink plenty of water. Do not induce vomiting. Seek Immediate medical attention.

Note to physician: No known specific antidote. Treat according to symptoms (decontamination, vital functions).

5. Fire-Fighting Measures

Suitable extinguishing media: water fog or fine spray, dry powder, carbon dioxide or alcohol-resistant foam. For safety reasons. do not use water jet.

Fire-fighting hazards: flammable vapors, toxic smoke, carbon monoxide, carbon dioxide, hydrocarbons

Fire-fighting PPE: self-contained breathing apparatus and turn-out gear.



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Additional information: Dispose of fire debris and contaminated extinguishing water in accordance with regulations. Uncontained fire-water runoff may result in environmental damage.

6. Accidental Release Measures

Personal precautions: Clear area, ensure adequate ventilation. Risk of slippage due to wet surface. See section 8 for PPE.

Environmental precaution: Do not discharge into soil, ditches, sewers, waterways or groundwater.

Cleanup:

Small release: Absorb material with dirt, vermiculite, sand or clay. Collect into an open container, then move container to a waste storage area.

Large release: Dike spillage. Transfer as much material as possible into a closed container using a pump or vacuum device. Treat residue as a small release.

7. Handling and Storage

Handling

Provide adequate exhaust ventilation at the process machines and work areas. Protect material from moisture.

Storage

Segregate from acids or antioxidants. Segregate from food or animal feeds. Avoid extreme temperatures. Keep container tightly closed. Outage of containers should be filled with a dry inert gas.

8. Exposure Controls and Personal Protection

Respiratory protection: Local exhaust ventilation should be adequate. If mist or vapors are present, employ engineering controls to remove exposure. If exposure still exists, wear a NIOSH-certified (or equivalent) organic vapor/particulate respirator.

Hand protection: Chemical resistant gloves. Natural rubber gloves not recommended.



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Eye protection: Safety glasses with side shields. Use tight-fitting chemical goggles or face shield if splash hazard exists. Eyewash fountains should be easily accessible.

Body protection: Work clothes and shoes should be based on activity and level of exposure. Safety showers should be easily accessible.

9. Physical and Chemical Properties

Form:	Liquid	
Odor:	Mild, typical of polyols	
Color:	Clear to light yellow	
Specific Gravity	0.92	@ 25C
Viscosity	600 cP	@25C
Solubility in water:	None	
pH:	Not applicable	
Flash point:	> 193 °C	ASTM D92
Boiling point	>270 °C	

10. Stability and Reactivity

Conditions to avoid: all sources of ignition, extreme heat.

Substances to avoid: strong oxidizing agents, strong reducing agents, strong acids, free radical initiators/peroxides.

Hazardous reactions: Certain components crack into gaseous and liquid products above 426 °C. Decomposes by polymerization above 204 °C. Once initiated, the reaction generates enough heat to continue spontaneously.

Decomposition products: None if handled and stored as indicated.

Thermal decomposition: None if stored and handled as indicated.

Corrosion to metals: Not corrosive to metals.

Oxidizing properties: Not oxidizing.



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11. Toxicological Information

Toxicology values have not been determined. Toxicology values have not been determined for every component. Available component information suggests low toxicity.

12. Ecological Information

Ecotoxicological values have not been determined. Ecotoxicological values have not been determined for every component. One component reports slight toxicity to aquatic invertebrates: [Daphna magna/EC50 (48h) = 16mg/l]

Degradability/Persistence

Has not been determined. Based on component information, product is not expected to be readily biodegradable.

Bioaccumulation

Has not been determined.

13. Disposal considerations

Dispose of waste in a licensed facility. Do not discharge into sewer system. Dispose of containers in a licensed facility. Do not try to clean containers since residue is difficult to remove. Do not try to cut empty drums with gas or electric torch as toxic decomposition products may be liberated.

14. Transport information

Land transport

USDOT Not classified as a dangerous good under transport regulations

Sea transport

IMDG Not classified as a dangerous good under transport regulations



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Air transport

IATA/ICAO

Not classified as a dangerous good under transport regulations

15. Regulatory information

Federal Regulations

Registration status:

Chemical

TSCA, US All components released / listed

EPCRA 311/312 (Hazard Categories)

Not hazardous

State Regulations

State RTK

CAS Number

85507-79-5

Chemical Component

diundecyl phthalate, branched and linear

State RTK

NJ, PA

CA Prop 65:

WARNING: A COMPONENT OF THIS PRODUCT CONTAINS TRACE QUANTITIES OF A CHEMICAL(S) KNOWN TO THE STATE OF CALIFORNIA TO CAUSE CANCER.

NFPA Hazard Codes:

Health: 1

Flammability: 1

Reactivity: 0

16. Other information

Recommended use: polyurethane component industrial chemicals

Suitable for use in industrial sector: polymers industry, chemical industry