

**MATERIAL SAFETY
DATA SHEET
RD™ ENCAPSULANT PART A**

**PREFORMED LINE PRODUCTS
URETHANE DIVISION
1700 Woodhurst Lane
Albemarle, North Carolina 28001
704-983-6161**

Emergency Phone Number: Chemtrec 800-424-9300
(within the USA), 202-483-7616 (outside of the USA.)
Call only in the event of a chemical emergency
involving spill, leak, fire exposure, or accident
involving chemicals.

MSDS DATE: 12/08/06

Preformed Line Products recommends that each customer should study this Material Safety Data Sheet and become aware of the Product hazards. Further, to promote safe handling, each customer should notify its employees, agents and contractors of the information on this Material Safety Data Sheet and any Product hazards and safety information. Each customer should furnish a copy of this Material Safety Data Sheet to each of its customers for the Product and should request that such customers notify their employees and customers for the Product of the information on this Material Safety Data Sheet and any Product hazards and safety information.

I. IDENTIFICATION	
PRODUCT NAME:	RD™ Encapsulant Part A
CHEMICAL FAMILY:	Polyurethane Prepolymer

II. HAZARDOUS INGREDIENTS	
COMPONENTS	CURRENT LIMITS
Redefined fatty oils	Non-hazardous
Polybutadlene polyols (CAS #69102-90-5)	Non-hazardous (>34.6 gm/kg, Oral)
Polyether polyols (CAS #25322-69-4)	Non-hazardous
Petroleum hydrocarbon fractions 12%	NE
Tetraids (Methylene 3,5-DI-Tert-Butyl-4- Hydroxyhydrocinnamate) 1.4%	NE
Organic Mercuric Compound 0.23%	NE

III. PHYSICAL DATA	
Appearance: Clear liquid	Color: Yellow
Odor: Faint sweet odor	Boiling Point: 515°-540°F
Vapor Pressure: 0.07	Vapor Density (air-1): NE
Specific Gravity: 0.92	Weight Per Gallon: 7.6
Solubility in Water: Nil	% Volatile by Volume: Nil

IV. FIRE AND EXPLOSION HAZARD DATA	
Flash Point: 222°F	Method Used: COC
Flammable Limits: LFL:NE UFL:NE	Extinguishing Method: Dry chemical, carbon dioxide, foam
Special Fire Fighting Procedures/Fire and Explosion Hazards: Firefighters should wear full protective clothing with self-contained breathing apparatus. In a fire, trace amounts of mercury vapors are likely to be liberated.	

V. REACTIVITY DATA	
STABILITY: Stable.	CONDITIONS TO AVOID: Extremely high temperatures which may cause decomposition.
INCOMPATIBILITY: Strong oxidizing agents.	

V. REACTIVITY DATA (continued)	
HAZARDOUS DECOMPOSITION: Carbon monoxide, carbon dioxide, hydrocarbons, traces of mercury vapor.	
HAZARDOUS POLYMERIZATION: Will not occur.	

VI. HEALTH HAZARD DATA	
EYE: Minor irritant.	
SKIN CONTACT: Minor irritant.	
INGESTION: Ingestion of large amounts may cause mercury poisoning.	
SYSTEMIC AND OTHER EFFECTS: None.	
CARCINOGEN HAZARD: No components of this product are currently listed as known carcinogens.	

VII. FIRST AID	
EYES: Flush eyes thoroughly with water.	
SKIN: Wash skin thoroughly with soap and water.	
INGESTION: If ingested, induce vomiting and obtain immediate medical attention.	
INHALATION: Not a likely route of entry.	

VIII. HANDLING PRECAUTIONS	
EXPOSURE GUIDELINES: Keep exposure levels below the recommended TLV limits.	
VENTILATION AND RESPIRATORY PROTECTION: Respiratory protection is not required. Good room ventilation is generally adequate.	
EYE PROTECTION: Wear splash goggles.	
SKIN PROTECTION: Wear rubber or plastic gloves and clean clothing offering full skin coverage.	
SPECIAL HANDLING PRECAUTIONS: Protect skin from contact with material. Protect eyes from splashing.	
STORAGE TEMPERATURE: <120°F.	
AVERAGE STORAGE LIFE: 18 months in unopened original container.	
SPECIAL STORAGE PRECAUTIONS: Keep containers tightly closed when not being used to prevent moisture contamination.	

IX. SPILL OR LEAK PROCEDURES	
STEPS TO BE TAKEN IF MATERIAL IS SPILLED OR RELEASED: Absorb with oil-absorbent compound and remove. Flush area with detergent and water.	
WASTE DISPOSAL METHOD: Landfill in accordance with Federal, State and Local environmental protection regulations.	

FOR INDUSTRIAL USE ONLY	
NOTE: The opinions expressed herein are those of qualified personnel within the Preformed Line Products-Urethane Division Co. The information contained is believed to be current as of the date of this Material Safety Data Sheet. Since the use of this information and opinions and conditions of the use of the product are not within the control of Preformed Line Products Co., it is the user's obligation to determine the conditions of safe use of the Product.	

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