

## Section 1. Identification

Product Identifier: **ProtectAll Rubber Roof Treatment**  
 Product Use: RV Maintenance  
 Manufacturer: Thetford Corporation  
 7101 Jackson Road  
 Ann Arbor, MI 48103  
 Emergency Numbers: (734) 769-6000  
 (800) 424-9300 (CHEMTREC - 24 hours)

## Section 2. Hazards Identification

Classification: Eye Damage/Irritation - Category 1

Hazard Pictograms:



Signal Word: DANGER

Hazard Statements: Causes serious eye damage.

Precautionary Statements:

Prevention: Wear eye protection.

Response: IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. Immediately call a poison center.

## Section 3. Composition/Information on Ingredients

Mixture of the following ingredients with non-hazardous additions.

Ingredient Name	Wt%	CAS Number
Nonionic polypropylene/Ethylene-Acrylic Acid copolymer blend	36.63	NA- Mixture
Silicone Emulsion	1.99	NA- Mixture

## Section 4. First Aid Measures

### First Aid Measures

Inhalation: Remove from contaminated area if irritation occurs.  
 Skin Contact: Wash thoroughly with soap and water.  
 Eye Contact: Irrigate eyes for a minimum of 15 minutes. Get medical attention immediately.  
 Ingestion: Do not induce vomiting. Drink 2 glasses of water. Contact a physician.

### Potential Acute Health Effects

Inhalation: No data available.  
 Skin Contact: Not a skin irritant.  
 Eye Contact: Causes serious damage.  
 Ingestion: Nontoxic if ingested.

Potential Chronic Health Effects: None known.

## Section 5. Fire-Fighting Measures

Extinguishing Media: Water, dry chemical, carbon dioxide or foam  
 Specific hazards arising from the chemical: Hazardous decomposition products formed under fire conditions.  
 Hazardous thermal decomposition products: Oxides of carbon and formaldehyde  
 Special protective actions for fire-fighters: None  
 Special protective equipment for fire-fighters: None

## Section 6. Accidental Release Measures

### Personal precautions, protective equipment and emergency procedures

Wear safety glasses and rubber gloves. Eliminate sources of ignition.

### Method and materials for containment and clean up

Clean up small spills with water. Soak up larger spills with absorbent material. Place used absorbent in closed containers for disposal. Mop the area with plenty of cold, clean water. Dispose of in accordance with federal, state, and local regulations.

## Section 7. Handling and Storage

Precautions for safe handling: Keep away from heat and sources of ignition. Avoid contact with eyes and skin. Wash thoroughly after handling. Spilled material may be slippery.

Conditions for safe storage: Store below 100°F (38°C). Do not freeze. Store away from strong oxidizing agents. Keep tightly closed.

## Section 8. Exposure Control/Personal Protection

Occupational Exposure Limits None known

Appropriate Engineering Controls Maintain adequate ventilation.

### Personal Protection

Respiratory Protection: Not required for properly ventilated areas

Skin Protection: Rubber gloves

Eye/Face Protection: Safety glasses or goggles

Hygiene Measures: Wash hands thoroughly after handling especially before eating, drinking and smoking. Wash contaminated clothing before reuse. Have eyewash and safety shower available.

## Section 9. Physical and Chemical Properties

Physical State:	Liquid	Upper/Lower Explosive Limits:	Not applicable
Color:	White	Vapor Pressure:	Not available
Odor:	Not determined	Vapor Density:	Not available
Odor Threshold:	Not available	Specific Gravity:	0.97 - 1.0
pH:	6.5 - 8	Bulk Density:	Not applicable
Melting Point:	Not applicable	Solubility:	Not miscible
Freezing Point:	32°F (0°C)	Partition coefficient n-octanol/water:	Not available
Boiling Point:	212°F (100°C)		
Flash Point (RTCC):	Not available	Auto-ignition Temperature:	Not available
Evaporation Rate:	Not available	Decomposition Temperature:	Not available
Flammability:	Not applicable	Viscosity:	Not determined

## Section 10. Stability and Reactivity

Reactivity: No information available

Chemical Stability: Stable under recommended storage conditions

Possibility of Hazardous Reactions: No information available

Conditions to Avoid: Storage below 32°F or above 100°F for extended periods.

Incompatible Materials: Strong oxidizing agents

**Section 11. Toxicological Information**

Information on the likely routes of exposure: Dermal contact. Eye contact.

Potential Acute Health Effects

Inhalation: Not an inhalation hazard.  
 Skin Contact: Not a skin irritant.  
 Eye Contact: Causes serious eye damage.  
 Ingestion: Nontoxic if ingested.

Symptoms Related to the Physical, Chemical and Toxicological Characteristics

Inhalation: Not available.  
 Skin Contact: May cause itchiness if left on skin.  
 Eye Contact: Irritating with burning and tearing.  
 Ingestion: Not available.

Potential Chronic Health Effects

Short Term Exposure

Potential immediate effects: Not available

Long Term Exposure

Potential delayed effects: Not available  
 General: Not available  
 Carcinogenicity: Ingredients not listed by ACGIH, IARC, NIOSH, NTP OR OSHA.  
 Mutagenicity: No known significant effects or critical hazards.  
 Teratogenicity: No known significant effects or critical hazards.  
 Developmental Effects: No known significant effects or critical hazards.  
 Fertility Effects: No known significant effects or critical hazards.

Information on Toxicological Effects

Acute Toxicity Eye contact may cause damage.

Components:

Nonionic polypropylene/Ethylene-Acrylic Acid copolymer blend		No data available
Silicone Emulsion	LD50 Oral	> 5,000 mg/kg (calculated)
	LD50 Dermal	> 5,000 mg/kg (calculated)

Respiratory or skin sensitization

Respiratory sensitization No known significant effects or critical hazards.  
 Skin sensitization No known significant effects or critical hazards.

Carcinogenicity: Not recognized as carcinogenic by Research Agencies (IARC, NTP, OSHA, ACGIH).

Mutagenicity: No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.

Reproductive Toxicity: No data available to indicate product or any components present at greater than 0.1% present reproductive hazards.

Specific target organ toxicity - single exposure: No known significant effects or critical hazards.

Aspiration hazard Not an aspiration hazard

Acute toxicity estimates (ATE)

Route	LD <sub>50</sub> value
Oral (calculated)	>62,000 mg/kg

**Section 12. Ecological Information**

Toxicity Not expected to be hazardous to aquatic organisms.

Components

Silicone Emulsion	Not available
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Persistence and Degradability: Organic ingredients are biodegradable

Bioaccumulative Potential: No bioaccumulation expected

Mobility in Soil: Not available

Other Adverse Effects: No information available

**Section 13. Disposal Considerations**

Disposal Methods: The generation of waste should be avoided or minimized wherever possible. Waste disposal should be in accordance with existing federal, state, and local regulations. Empty containers should be taken to an approved waste handling site for recycling or disposal.

**Section 14. Transport Information**

UN Number: Not Regulated Hazard Class: Not applicable

UN Proper Shipping Name: Not applicable Packing Group: Not applicable

Environmental Hazard: No

**Section 15. Regulatory Information**

SARA 311/312: None

SARA Title III Section 313 EHS: None

SARA Title III Section 313 Toxic: None

**Section 16. Other Information**

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