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: DANGER

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.

<table>
<thead>
<tr>
<th>Ingredient Name</th>
<th>Wt%</th>
<th>CAS Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Nonionic polypropylene/Ethylene-Acrylic Acid copolymer blend</td>
<td>36.63</td>
<td>NA- Mixture</td>
</tr>
<tr>
<td>Silicone Emulsion</td>
<td>1.99</td>
<td>NA- Mixture</td>
</tr>
</tbody>
</table>

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
Color: White
Odor: Not determined
Odor Threshold: Not available
pH: 6.5 - 8
Melting Point: Not applicable
Freezing Point: 32°F (0°C)
Boiling Point: 212°F (100°C)
Flash Point (RTCC): Not available
Evaporation Rate: Not available
Flammability: Not applicable

Upper/Lower Explosive Limits: Not applicable
Vapor Pressure: Not available
Vapor Density: Not available
Specific Gravity: 0.97 - 1.0
Bulk Density: Not applicable
Partition coefficient n-octanol/water: Not available
Auto-ignition Temperature: Not available
Decomposition Temperature: Not available
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

Revision Date: December 12, 2017
Rev: 4
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ProtectAll Rubber Roof Treatment
**Section 11. Toxicological Information**

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

### Potential Acute Health Effects

<table>
<thead>
<tr>
<th>Route</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Not an inhalation hazard.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>Not a skin irritant.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Causes serious eye damage.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Nontoxic if ingested.</td>
</tr>
</tbody>
</table>

### Symptoms Related to the Physical, Chemical and Toxicological Characteristics

<table>
<thead>
<tr>
<th>Route</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Inhalation</td>
<td>Not available.</td>
</tr>
<tr>
<td>Skin Contact</td>
<td>May cause itchiness if left on skin.</td>
</tr>
<tr>
<td>Eye Contact</td>
<td>Irritating with burning and tearing.</td>
</tr>
<tr>
<td>Ingestion</td>
<td>Not available.</td>
</tr>
</tbody>
</table>

### 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:

<table>
<thead>
<tr>
<th>Nonionic polypropylene/Ethylene-Acrylic Acid copolymer blend</th>
<th>LD50 Oral</th>
<th>LD50 Dermal</th>
</tr>
</thead>
<tbody>
<tr>
<td>Silicone Emulsion</td>
<td>&gt; 5,000 mg/kg (calculated)</td>
<td>&gt; 5,000 mg/kg (calculated)</td>
</tr>
</tbody>
</table>

### 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)

No data available to indicate product or any components present at greater than 0.1% are mutagenic or genotoxic.
### Section 12. Ecological Information

**Toxicity**
Not expected to be hazardous to aquatic organisms.

**Components**

<table>
<thead>
<tr>
<th>Silicone Emulsion</th>
<th>Not available</th>
</tr>
</thead>
</table>

**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

<table>
<thead>
<tr>
<th>UN Number:</th>
<th>Not Regulated</th>
</tr>
</thead>
<tbody>
<tr>
<td>UN Proper Shipping Name:</td>
<td>Not applicable</td>
</tr>
<tr>
<td>Environmental Hazard:</td>
<td>No</td>
</tr>
</tbody>
</table>

Hazard Class: Not applicable
Packing Group: Not applicable

### 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

| Date of Issue: | 12-Dec-17 |
| Date of previous issue: | 26-May-15 |
| Version: | 4 |
| Prepared by: | Janis Thomson |
| SDS Number: | 50110 |