

## ROOF X TENDER® 900 White Premium Thermoplastic SB Cool Roof Coating

### SECTION 1: PRODUCT & COMPANY IDENTIFICATION

|                  |                                       |                 |                                   |
|------------------|---------------------------------------|-----------------|-----------------------------------|
| PRODUCT NAME:    | ROOF X TENDER® 900                    | DISTRIBUTED BY: | Beacon Sales Acquisition, Inc.    |
| PRODUCT NUMBER:  | RX-9005                               | ADDRESS:        | 505 Huntmar Park Drive, Suite 300 |
| CATEGORY:        | White Liquid                          |                 | Herndon, VA 20170                 |
| PRODUCT USE:     | White Elastomeric Roof Coating        | PHONE:          | 571-323-3939                      |
| MANUFACTURER:    | APOC                                  | INTERNET:       | www.becn.com                      |
| ADDRESS:         | 4161 E. 7th Avenue                    |                 |                                   |
|                  | Tampa, FL 33605                       |                 |                                   |
| PHONE:           | 813-248-2101                          |                 |                                   |
| EMERGENCY PHONE: | CHEMTREC: 1-800-424-9300              |                 |                                   |
|                  | Outside USA and Canada: +703-527-3887 |                 |                                   |
| EFFECTIVE DATE:  | 4/18/2018                             |                 |                                   |

### Section 2 - Hazards Identification

#### Emergency Overview

#### WARNING

Flammable Liquid and Vapor. Contains Combustible Petroleum Distillates. Keep away from heat, sparks, and open flame. Keep container tightly closed when not in use. Avoid prolonged breathing of vapor and use only in adequate ventilation. Repeated and prolonged overexposure to solvent vapor may cause brain and nervous system damage. May cause skin and eye irritation. Harmful or Fatal if swallowed. Use safety glasses, gloves, and skin protection when using this product. Protect building fresh air inlets from product vapors. Do not use in drinking water or food systems. Dispose in accordance to Federal, State, and local regulations. Do not reuse empty container.

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- Prevention** Do not handle until all safety precautions have been read and understood. Use personal protective equipment as required. Wash thoroughly after handling. Keep away from open flame.
- Response** IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing. If skin irritation occurs: Get medical advice/attention.
- Storage/Disposal** Store in a closed container. Do not allow product to freeze. Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.



CAUTION - May cause eye and skin irritation on contact.

- Physical Form** \* Liquid
- Color** \* White Liquid.
- Odor** \* Paint-Like Odor.
- Flash Point** \* 80° F (27° C)
- OSHA (HCS2012)** \* Skin Corrosion/Irritation - Category 3, Serious Eye Damage, Eye Irritation - Category 2A, Carcinogenicity - Category 2B, Flammable Liquids – Category 3
- WHMIS** \* Class D - Poisonous and Infectious Materials - Division 2 - Subdivision B



\*

**NFPA:** HEALTH HAZARD = 2 FIRE HAZARD = 3 REACTIVITY = 0

**HMIS:** HEALTH HAZARD = 2 FIRE HAZARD = 3 REACTIVITY = 0

### Potential Health Effects

#### Inhalation

- Acute (Immediate)** \* Inhalation of vapors or mists may cause central nervous system depression, light-headedness, headache, nausea and loss of coordination.
- Chronic (Delayed)** \* Under normal conditions of use, no health effects are expected.

#### Skin

- Acute (Immediate)** \* May cause irritation.
- Chronic (Delayed)** \* Repeated and prolonged exposure to the skin may cause dermatitis.

#### Eye

- Acute (Immediate)** \* Likely to cause eye irritation, burning, tearing, etc. on contact with the eyes. If swelling and irritation persist, seek medical attention.
- Chronic (Delayed)** \* Direct contact may cause slight to moderate irritation.

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### Ingestion

- Acute (Immediate)** \* May cause irritation. May affect the nervous system. May be harmful or fatal if swallowed.
- Chronic (Delayed)** \* Repeated and prolonged exposure may cause gastrointestinal disturbances including diarrhea, nausea, and vomiting.

| Carcinogenic Effects |            |                              |                             |
|----------------------|------------|------------------------------|-----------------------------|
|                      | CAS        | IARC                         | NTP                         |
| Titanium Dioxide     | 13463-67-7 | Group 2B-Possible Carcinogen | Evidence of Carcinogenicity |

## Section 3 - Composition/Information on Ingredients

| Hazardous Components |                    |           |                                      |                                                   |          |
|----------------------|--------------------|-----------|--------------------------------------|---------------------------------------------------|----------|
| Chemical Name        | Identifiers        | %(weight) | LD50/LC50                            | Classifications According to Regulation/Directive | Comments |
| Xylene               | CAS # - 1330-20-7  | 37%       | Ingestion/Oral-Rat LD50 - 5000 mg/kg |                                                   |          |
| PCBTF (Oxsol 900)    | CAS # - 98-56-6    | 21%       | Ingestion/Oral-Rat LD50 6800 mg/kg   |                                                   |          |
| Titanium Dioxide     | CAS # - 13463-67-7 | 12%       | Ingestion/Oral-Rat LD50 5000 mg/kg   |                                                   |          |
| Zinc Oxide           | CAS # - 1314-13-2  | 1%        |                                      |                                                   |          |
| Barium Sulfate       | CAS # - 7727-43-7  | 4%        |                                      |                                                   |          |
| Talc                 | CAS # - 14807-96-6 | 4%        |                                      |                                                   |          |

| Non-Hazardous Components |             |           |           |                                                   |          |
|--------------------------|-------------|-----------|-----------|---------------------------------------------------|----------|
| Chemical Name            | Identifiers | %(weight) | LD50/LC50 | Classifications According to Regulation/Directive | Comments |
| Acrylic Resin            | N/A         | 6%        |           |                                                   |          |

This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding.

## Section 4 - First Aid Measures

- Inhalation** \* IF INHALED: Remove victim to fresh air and keep at rest in a position comfortable for breathing. If signs/symptoms continue, get medical attention.
- Skin** \* Rinse skin immediately with plenty of water for 15-20 minutes. Take off contaminated clothing. If skin irritation occurs: Get medical advice/attention.
- Eye** \* If eye irritation persists: Get medical advice/attention. IF IN EYES: Rinse cautiously with water for several minutes. Remove contact lenses, if present and easy to do. Continue rinsing.
- Ingestion** \* If swallowed, do not induce vomiting: seek medical advice immediately and show this container or label.

## Section 5 - Fire Fighting Measures

- Extinguishing Media** \* LARGE FIRE: Water spray, fog or regular foam.  
SMALL FIRES: Dry chemical, CO2, water spray or regular foam.
- Unsuitable Extinguishing Media** \* No data available.

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|                                           |                                                                                                                                                                                                  |
|-------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Firefighting Procedures</b>            | * Fire fighters should wear complete protective clothing including self-contained breathing apparatus.<br>Keep unauthorized personnel away.                                                      |
| <b>Unusual Fire and Explosion Hazards</b> | * Product containers may rupture when exposed to extreme heat. Precautions should be taken to prevent release of materials.                                                                      |
| <b>Hazardous Combustion Products</b>      | * Flammable and Combustible. Substance does burn and may decompose upon heating to produce toxic fumes.                                                                                          |
| <b>Protection of Firefighters</b>         | * Structural firefighters' protective clothing provides limited protection in fire situations ONLY; it is not effective in spill situations where direct contact with the substance is possible. |
| <b>Flash Point</b>                        | * 80° F (27° C) CC (Closed Cup)                                                                                                                                                                  |

### Section 6 - Accidental Release Measures

|                                      |                                                                                                                                                             |
|--------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Personal Precautions</b>          | * Do not handle damaged containers or spilled material unless wearing appropriate protective clothing.                                                      |
| <b>Emergency Procedures</b>          | * Isolate the area and contain the spilled material. Persons not wearing the appropriate PPE should be removed from the area until the spill is cleaned up. |
| <b>Environmental Precautions</b>     | * Avoid run off to waterways and sewers.                                                                                                                    |
| <b>Containment/Clean-up Measures</b> | * Absorb or cover with dry earth, sand or other non-combustible material and transfer to containers.<br>Use appropriate Personal Protective Equipment (PPE) |
| <b>Prohibited Materials</b>          | * Avoid contact with strong oxidizing agents and acids.                                                                                                     |

### Section 7 - Handling and Storage

|                                                   |                                                                                                                                                                                    |
|---------------------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Handling</b>                                   | * KEEP OUT OF THE REACH OF CHILDREN! Keep containers tightly closed when not in use. Keep away from fire or flame. Protect building inlet from fumes/vapors when working on roofs. |
| <b>Storage</b>                                    | * Avoid extreme temperatures and freezing. Keep container/package tightly closed and in a well-ventilated place.                                                                   |
| <b>Special Packaging Materials</b>                | * Not Applicable.                                                                                                                                                                  |
| <b>Incompatible Materials or Ignition Sources</b> | * Avoid contact with strong oxidizing agents and acids.                                                                                                                            |

### Section 8 - Exposure Controls/Personal Protection

#### Personal Protective Equipment

|                   |                                                                                                                                                                                                                                                                                                                                                   |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Pictograms</b> | *     |
|-------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                    |                                                                                                                                                                                                                                                                                                                                                                                                                 |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Respiratory</b> | * When used with adequate ventilation, a respirator is not normally required. If required, use a NIOSH-approved air purifying respirator with organic vapor cartridge or supplied air respirator. This product is an encapsulated mixture which reduces the likelihood of exposure to hazardous particulates. Airborne exposures to hazardous dusts or mists may be generated by spraying, sanding or grinding. |
|--------------------|-----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|

|                 |                                                                          |
|-----------------|--------------------------------------------------------------------------|
| <b>Eye/Face</b> | * Wear ANSI approved safety glasses with side shields or safety goggles. |
|-----------------|--------------------------------------------------------------------------|

|              |                                                                       |
|--------------|-----------------------------------------------------------------------|
| <b>Hands</b> | * Wear chemical resistant gloves with repeated or prolonged exposure. |
|--------------|-----------------------------------------------------------------------|

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### Engineering Measures/Controls

\* Adequate ventilation systems as needed to control concentrations of airborne contaminants below applicable threshold limit values. Use precaution to protect building intake from fumes and vapors created outdoors.

| Exposure Limits/Guidelines    |             |                             |                      |                    |                           |
|-------------------------------|-------------|-----------------------------|----------------------|--------------------|---------------------------|
|                               | Result      | Canada Ontario              | Mexico               | NIOSH              | OSHA                      |
| Xylene (1330-20-7)            | TWAs<br>TLV | 100 ppm<br>150 ppm          | 25 ppm<br>35 ppm     | 100 ppm<br>150 ppm | 100 ppm<br>150 ppm        |
| PCBTF (98-56-6)               | TWAs        | Not Established             | Not Established      | Not Established    | N/A<br>N/A                |
| Titanium Dioxide (13463-67-7) | TWAs        | 10 mg/m3 TWAEV (total dust) | 10 mg/m3 TWA (as Ti) | Not established    | 15 mg/m3 TWA (total dust) |

## Section 9 - Physical and Chemical Properties

| Material Description      |                                           |                                                    |                                             |
|---------------------------|-------------------------------------------|----------------------------------------------------|---------------------------------------------|
| Physical Form             | Liquid                                    | Appearance/Description                             | White liquid with the consistency of paint. |
| Color                     | White Liquid.                             | Odor                                               | Paint-Like Odor.                            |
| Taste                     | No data available.                        | Particulate Type                                   | Not relevant                                |
| Particulate Size          | Not relevant                              | Aerosol Type                                       | Not relevant                                |
| Odor Threshold            | No data available                         |                                                    |                                             |
| General Properties        |                                           |                                                    |                                             |
| Boiling Point             | 138 to 205° F                             | Melting Point                                      | No data available                           |
| Decomposition Temperature | No data available                         | Heat of Decomposition                              | Not relevant                                |
| pH                        | Not Applicable                            | Specific Gravity/Relative Density                  | 1.18 Water=1                                |
| Density                   | 9.86 lbs/gal @ 25°C(77° F)                | Bulk Density                                       | No data available                           |
| Water Solubility          | Insoluble                                 | Solvent Solubility                                 | 100% Soluble                                |
| Viscosity                 | 100 - 120 Krebs-Stormer (KU) @ 25 C(77 F) |                                                    |                                             |
| Volatility                |                                           |                                                    |                                             |
| Vapor Pressure            | 18.0 mmHg (torr) @ 20 C(68 F)             | Vapor Density                                      | > 1 Air=1                                   |
| Evaporation Rate          | 3 Normal Butyl Acetate = 1                | VOC (Wt.)                                          | 3.66 lbs./Gal.                              |
| VOC (Vol.)                | 438 g/L                                   | Volatiles (Wt.)                                    | 37%                                         |
| Volatiles (Vol.)          | 68.0%                                     |                                                    |                                             |
| Flammability              |                                           |                                                    |                                             |
| Flash Point               | 80° F (27°C)                              | Flash Point Test Type                              | CC (Closed Cup)                             |
| UEL                       | No data available                         | LEL                                                | No data available                           |
| Autoignition              | No data available                         | Self-Accelerating Decomposition Temperature (SADT) | Not relevant                                |
| Heat of Combustion (ΔHc)  | Not relevant                              | Burning Time                                       | Not relevant                                |
| Flame Duration            | Not relevant                              | Flame Height                                       | Not relevant                                |
| Flame Extension           | Not relevant                              | Ignition Distance                                  | Not relevant                                |
| Environmental             |                                           |                                                    |                                             |
| Half-Life                 | Not relevant                              | Octanol/Water Partition coefficient                | Not relevant                                |
| Coefficient of Water      | Not relevant                              | Bioaccumulation Factor                             | Not relevant                                |
| Bioconcentration Factor   | Not relevant                              | Biochemical Oxygen Demand BOD/BOD5                 | Not relevant                                |
| Chemical Oxygen Demand    | Not relevant                              | Persistence                                        | Not relevant                                |
| Degradation               | Not relevant                              |                                                    |                                             |

## ROOF X TENDER® 900 White Premium Thermoplastic SB Cool Roof Coating

### Section 10 - Stability and Reactivity

|                                         |                                                   |
|-----------------------------------------|---------------------------------------------------|
| <b>Stability</b>                        | * Stable under normal temperatures and pressures. |
| <b>Hazardous Polymerization</b>         | * Hazardous polymerization not indicated.         |
| <b>Conditions to Avoid</b>              | * Excessive heat and freezing.                    |
| <b>Incompatible Materials</b>           | * Strong oxidizers and acids.                     |
| <b>Hazardous Decomposition Products</b> | * No known issues under normal usage conditions.  |

### Section 11 - Toxicological Information

| Component Name   | CAS        | Data                                                                                         |
|------------------|------------|----------------------------------------------------------------------------------------------|
| Titanium Dioxide | 13463-67-7 | <b>Acute Toxicity:</b> Oral-rat TDLo:60 gm/kg;<br><b>Irritation:</b> skn-hmn 300 ug/3D-I MLD |
| Xylene           | 1330-20-7  | <b>Acute Toxicity:</b> Oral-Rat LD50 · 5000 mg/kg                                            |
| PCBTF            | 98-56-6    | <b>Acute Toxicity:</b> Oral-Rat LD50 6800 mg/kg<br><b>Irritation:</b> skn-hmn 500 mg/7D MLD  |

**Other Component Information** \* ACGIH has designated the following chemicals in this product as suspected human carcinogens (A1): Titanium Dioxide. Risk of cancer depends on duration and level of exposure to this product as a dust or aerosol mist.

### Section 12 - Ecological Information

|                                  |                                                                                                                      |
|----------------------------------|----------------------------------------------------------------------------------------------------------------------|
| <b>Ecological Fate</b>           | * No data available.                                                                                                 |
| <b>Persistence/Degradability</b> | * No data available.                                                                                                 |
| <b>Bioaccumulation Potential</b> | * No data available.                                                                                                 |
| <b>Mobility in Soil</b>          | * No data available.                                                                                                 |
| <b>Other Information</b>         | * Do not allow product exposure to the ground or into any waterway. Do not allow entry into municipal sewer systems. |

### Section 13 - Disposal Considerations

**Product** \* Dispose of content and/or container in accordance with local, regional, national, and/or international regulations.

### Section 14 – Transportation Information

DOT - United States - Department of Transportation - Shipping Name: UN 1263 Paint Related Materials, Hazard Class 3, Pkg Group 3

TDG - Canada - Transportation of Dangerous Goods - Shipping Name: UN 1263 Paint Related Materials, Hazard Class 3, Pkg Group 3

IMO/IMDG - International Maritime Transport - Shipping Name: UN 1263 Paint Related Materials Hazard Class 3, Pkg Group 3

IATA - International Air Transportation Association - Shipping Name: UN 1263 Paint Related Materials Hazard Class 3, Pkg Group 3

## ROOF X TENDER® 900 White Premium Thermoplastic SB Cool Roof Coating

### Section 15 - Regulatory Information

#### SARA Hazard Classifications \* Acute, Chronic

| State Right To Know |            |     |     |     |     |
|---------------------|------------|-----|-----|-----|-----|
| Component           | CAS        | MA  | MN  | NJ  | PA  |
| Xylene              | 1330-20-7  | Yes | Yes | Yes | Yes |
| PCBTF               | 98-56-6    | No  | No  | No  | Yes |
| Zinc Oxide          | 1314-13-2  | Yes | Yes | Yes | Yes |
| Titanium Dioxide    | 13463-67-7 | Yes | Yes | Yes | Yes |
| Barium Sulfate      | 7727-43-7  | Yes | Yes | Yes | Yes |
| Talc                | 14807-96-6 | Yes | Yes | Yes | Yes |

| Inventory        |            |           |      |
|------------------|------------|-----------|------|
| Component        | CAS        | EU EINECS | TSCA |
| Xylene           | 1330-20-7  | Yes       | Yes  |
| PCBTF            | 98-56-6    | No        | No   |
| Zinc Oxide       | 1314-13-2  | Yes       | Yes  |
| Titanium Dioxide | 13463-67-7 | Yes       | Yes  |
| Barium Sulfate   | 7727-43-7  | Yes       | Yes  |
| Talc             | 14807-96-6 | Yes       | Yes  |

#### Canada

##### Labor

##### Canada - WHMIS - Classifications of Substances

- Titanium Dioxide 13463-67-7 5% TO 15% D2A (In certain cases, this classification does not apply. For more information, consult the section Substance Specific Issues - Titanium dioxide, mixture containing on Health Canada's WHMIS website.)

#### United States

##### Environment

U.S. - CERCLA/SARA - Hazardous Substances and their Reportable Quantities

#### United States - California

##### Environment

U.S. - California - Proposition 65 - Carcinogens List

- Xylene 1330-20-7 37%

#### United States - Rhode Island

##### Labor

U.S. - Rhode Island - Hazardous Substance List

- Titanium Dioxide 13463-67-7 12% Toxic
- Xylene 1330-20-7 37% Flammable

#### Other Information

- \* WARNING: This product contains a chemical known to the State of California to cause cancer.

## ROOF X TENDER® 900 White Premium Thermoplastic SB Cool Roof Coating

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### Section 16 - Other Information

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**Preparation Date**            \* 4/6/2016

**Last Revision Date**        \* 4/6/2016

**Disclaimer/Statement  
of Liability**

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