

## PRODUCT INFORMATION

Roof-Tek® Prep-Tek 500 is a highly concentrated low-sudsing biodegradable cleaning solution designed to pre-treat black EPDM rubber membrane prior to power washing and application of elastomeric roof coverings. May also be used to clean roof membranes and certain other surfaces.

**RECOMMENDED USES:** Removes grease and grime from roofs.

## PRODUCT CHARACTERISTICS

**APPEARANCE** - Clear

**COLOR** - Light pink to purple

**STATE** - Liquid

**ODOR** - Characteristic Mild odor

**pH** - 6.0 to 7.0 Neutral

**SOLUBILITY IN WATER** - Completely soluble

**PERCENT VOLATILITY** - 87 to 89 % Water

**EVAPORATION RATE** - < 1 Water

## APPLICATION CONDITIONS

**TEMPERATURE** - Air and Surface: 33°F Minimum

## SHIPPING INFORMATION

Container Size	Weight	Class
5-gal. (18.9 Liter)	48 lbs.	55

**D.O.T. CLASSIFICATION:** Not regulated as dangerous goods.

**STORAGE:** Avoid temperature extremes. Keep in original container, tightly closed, in a cool well ventilated place.

**SHELF LIFE:** 12 months from date of shipment

**FLAMMABILITY:** Nonflammable

## APPLICATION INSTRUCTIONS

- Remove heavy deposits of dirt, leaves, pine needles, and other debris using a broom or air blower.
- Apply Prep-Tek 500 using a hand-pump, compression type sprayer, or airless spray equipment at the rate of 500 square feet per gallon.
- When using a hand-pump sprayer, adjust nozzle to achieve a uniform spray pattern with a 3 to 4 foot arc.
- When using airless spray equipment, use a .015" to .019" reversible tip with a 40° to 50° fan angle.
- Allow Prep-Tek 500 to stand a minimum of 15 minutes to saturate the membrane surface contaminants.
- Note: Prolonged contact between the rinseable cleaner and the EPDM membrane, will not adversely impact the performance of the cleaner.
- Using a minimum 2,000-psi pressure washer, rinse the membrane surface with clean water. Beginning at the lowest point of the roof, work toward the highest point keeping the pressure washer tip within 12" of the EPDM surface. Once at the highest point, work down with a final rinse to remove all residue from the roof surface.
- On flat roofs, work away from and then back toward roof drains to achieve a double rinse. Prep-Tek 500, in its diluted form, is safe to rinse down roof drains and is not harmful to surrounding landscape. (See Safety Precautions page 2) Prior to application of the Roof-Tek® topcoat(s) or Seal-Tek Sealant, allow the membrane to dry thoroughly. A cleaned membrane must be **"jet black"** in color, which is an indication that the surface has been properly prepared for optimum coating adhesion. If the membrane is not **"jet black"** additional cleaning is necessary.
- Drying time is temperature, humidity, and film thickness dependent.

## HMIS® RATING

Health 1, Flammability 0, Reactivity 0, Protection B

0= Minimal 1=Slight 2=Moderate 3=Serious 4=Severe

(\*) Indicates potential for chronic health effects.

# Application Procedures

## Prep-Tek 500

For Professional Use Only

**CLEAN UP:** Rinse equipment with clean water.

### HEALTH AND SAFETY:

#### Material May Cause The Following:

- Direct contact with eyes - temporary irritation
- Respiratory Tract Irritation.
- Digestive Tract Irritation.
- Skin Irritation.

Avoid contact with skin or in eyes. Wear protective eye and skin coverings. In case of incidental contact, wash affected areas with clean water. Refer to SDS.

**PRODUCT:** Thoroughly read SDS - It is important to note that Section 6 of the SDS titled "Accidental Release Measures" and Section 13 of the SDS titled "Disposal Considerations" discuss spills of undiluted Prep-Tek 500. These undiluted spills are different from the rinsate referred to below in the technical notes. The rinsate is defined in these notes as the roof washings composed of diluted Prep-Tek 500 that result from the proper use of the product according to the application guidelines. In general, during the pressure washing of a roof, one part of Prep-Tek 500 is diluted with 300 parts of water.

**ENSURE PROPER DRAINAGE:** Accella Roofing Solutions advocates the use of prudent judgment regarding the release of roof rinsate containing Prep-Tek 500 EPDM Rinseable Cleaner into the environment. Based on aquatic toxicity Prep-Tek 500 is classified as of LOW CONCERN to aquatic invertebrates and fish, according to the USEPA TSCA classification criteria, i.e., the LC/EC50 > 100 mg/L. Specific for Prep-Tek 500, the results indicate that the lethal or effective (functional) concentration affecting 50% of the tested population is greater than 220 mg/L of Prep-Tek 500 for fish and aquatic invertebrates. Prep-Tek 500 is classified as of moderate concern to algae according to USEPA TSCA classification criteria, i.e. the LC/EC50 is between 1 mg/L and 100mg/L. Dilution of the primer with

rinsate and subsequent added dilutionary capacity of receiving streams, rivers or ponds would likely buffer any potential for adverse effects.

Because of the low toxicity of the formulation to fish, aquatic invertebrates and algae it is unlikely that releases of the diluted Prep-Tek 500 material into a storm sewer will cause adverse impact to exposed organisms. The number and diversity of organisms in these non-natural systems are anticipated to be low. Increased dilutionary capacity of any receiving water body will serve to further mitigate any potential for adverse effects. Without detailed plans regarding the receiving watercourse at the site in question, caution should be exercised. Release of rinsate into pristine watercourses should be avoided.

With regard to the potential for persistence within the environment, primary degradation will be anticipated to occur in the days to weeks range with ultimate biodegradation anticipated to occur within the weeks to month's time frame. Thus it is anticipated that the components of Prep-Tek 500 will not persist in the environment.

**SPILL WARNING:** Keep spills of product as supplied out of municipal sewers and open bodies of water. Do not discharge cleaning runoffs directly to open bodies of water.

Note that compliance with local regulatory ordinances regarding releases of the rinsate into the aquatic or soil compartments should be ensured prior to any disposal operation.

Accella Roofing Solutions advocates the use of prudent judgment regarding the release of roof rinsate containing Prep-Tek 500 into the environment. Each particular roof and its surroundings are different, and therefore must be evaluated on a case-by-case basis. The responsibility to evaluate the environmental impact of Prep-Tek 500 use and to comply with local regulations lies with applicator and the roof owner.

**Refer to the SDS sheet before use.**

To the best of our knowledge, all technical data contained herein is true and accurate as of the date of issuance and subject to change without prior notice. User must contact Accella Roofing Solutions (ARS) to verify correctness before specifying or ordering. We guarantee our products to conform to the quality control standards established by ARS. We assume no responsibility for coverage, performance or injuries resulting from use. Liability, if any, is limited to replacement of the product. NO OTHER WARRANTY OR GUARANTEE OF ANY KIND IS MADE BY ARS EXPRESSED OR IMPLIED; STATUTORY, BY OPERATION OF LAW, OR OTHERWISE, INCLUDING MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE.