

## Technical Data Sheet (TDS)/ Product Application Guide

### Preserva Premium™ Timber Oil

**Preserva Premium™ Timber Oil** is formulated with a blend of the finest natural seed oils available. Craftsmen and Woodworkers alike will appreciate our Dual Resin Technology, which combines the superior durability of an alkyd resin with the protective properties of a urethane resin. We add transparent iron oxide pigments for UV protection as well as the natural beauty that these finely ground particles can deliver.

#### TINTS:

70102 – NATURAL TIMBER

70104 – HEART REDWOOD

70103 – MOUNTAIN CEDAR

70105 – CANYON BROWN

#### ENVIRONMENTAL:

**Preserva Premium™ Timber Oil** is an oil-based exterior wood stain containing less than **250 grams/liter VOC**.

#### FEATURES AND BENEFITS:

True Oil-Based Penetrating Stain and Sealer

Dual Resin Technology

One Coat, High Solids

Penetrates Deep into Wood

#### FOR WOOD SUBSTRATES:

**Preserva Premium™ Timber Oil** must be able to penetrate into the wood. If drops of water sprinkled on wood are quickly and easily absorbed, then the stain should be absorbed as well. Wood must be clean and dry prior to staining. Heavy or wet boards should be allowed to air dry for 3-6 weeks before staining.

## **SURFACE PREPARATION:**

Proper surface preparation is essential to achieve maximum performance of the stain. In most cases, previous stains or coatings should be completely removed prior to stain application. Stripping and/or sanding, followed by washing or neutralizing, should be used to remove previous coatings. Persistent black spots which appear when wood is wet are mold or mildew. Use a 50% chlorine bleach solution to remove mildew prior to staining. Dirt and pollen should be cleaned from wood surfaces using Preserva Products Wood Renewer™ Cleaner and a deck brush or low output pressure washer. Rinse wood clean and allow 24 hours to dry before applying stain.

## **MIX:**

Stir stain well and stir often during use, making sure all pigment on the bottom of the can has been well mixed before using. Stir every 10-15 minutes during use. Blend together all stain when using multiple containers. Do not thin. **Preserva Premium™ Timber Oil** should be used as it comes in the can.

## **TEST:**

For wood substrates only. Apply a small amount of product in an inconspicuous area to test for penetration and color satisfaction before continuing with the entire treatment process. Allow test area to dry for 24 hours before evaluating final appearance of stain. Cover plants, trees, windows, concrete, siding, etc. to protect from spills and overspray. Coverage should be calculated between 300-400 sq. ft. per gallon for smooth deck boards to approximately 150-200 sq. ft. per gallon for rough fencing or siding. The porosity of the wood will greatly affect the amount of stain required.

## **APPLICATION:**

Be sure the weather is dry for 24 hours before and after applying stain. Allow 24-48 hours before foot traffic on horizontal surfaces (high humidity or low temperatures may extend dry time). Apply to horizontal wood (i.e. deck boards), and other smooth wood with an oil-based brush or stain pad. Preserva Premium™ Timber Oil can also be applied to vertical surfaces with a paint roller or pump sprayer, followed by back-brushing. Apply only as much stain as will readily absorb into wood. **ONE COAT ONLY!** Treat full length of boards, keeping a wet edge. Apply stain to cool, dry wood, when temperature is 60-90 deg F. Do not apply in the heat of the day! Avoid direct sunlight. Do not allow stain to puddle and cure on the surface of the wood. **Use a rag to remove all excess stain (shine) from the surface of wood within 15 minutes.**

**Place oily rags in water immediately after use. Wring out rags and lay flat to dry, away from any source of heat or ignition.**

#### **MAINTENANCE:**

Clean all exterior wood on an annual or semi-annual basis with Preserva Products Wood Renewer™ Cleaner to remove all dirt and pollen. Your wood is ready to clean and re-treat when it appears dry, or you wish to refresh the color. Areas that do not get a lot of exposure to sunlight might not need to be retreated as often. Clean, check for mildew (persistent black spots when wood is wet), then test your wood to ensure that it will absorb more stain. Remember, highly exposed areas will require treatment sooner than protected areas.

#### **CLEAN-UP AND DISPOSAL:**

**Soak oily rags, clothes, or any other material in a water filled, sealed container to avoid spontaneous combustion (fire).** After one week, wring out and lay flat to air dry outdoors, away from wood, paper, or any combustible material. Do not throw away until completely dry. Tools and equipment should be cleaned with paint thinner. Dispose of empty cans in accordance with local, state, and federal regulations.

#### **STORAGE:**

Seal partial containers of stain tightly when not in use. Store in a cool, dry place with no source of ignition. Store remaining product in the smallest container possible to avoid a skin. Keep container tightly closed when not in use. **CAUTION! KEEP OUT OF REACH OF CHILDREN.**

#### **PRODUCT SPECIFICATIONS:**

Resin binder	Alkyd/Urethane resin system
Solids (% by wt)	59-61 %
Density	7.7-7.8 lbs/gallon
VOC	Less than 250 grams/liter
Dry time	24 hours for foot traffic, 48 hours full cure at 60-70 deg F

**WARNING:** Removal of old paint by sanding, scraping or other means may generate dust or fumes that may contain lead. Exposure to lead dust or fumes may cause serious health injury, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment such as a properly fitted respirator (NIOSH approved) and proper containment and clean-up. For additional information, contact the USEPA/Lead Information Hotline at 1-800-424-LEAD (USA ONLY) or at [www.epa.gov.lead](http://www.epa.gov.lead) - Sanding or scraping pressure treated lumber may be hazardous; wear appropriate protection.

**MANUFACTURER:**

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