

# TimberSoy Poly Stain & Sealer

## Product Data Sheet



### Description

TimberSoy™ Poly Wood Stain & Sealer enhances the natural beauty of wood grain while providing the ultimate moisture, marring, and UV protection in one easy step. Our advanced bio-based polyurethane and emulsion technology penetrates bare wood surfaces with natural plant oils to help rejuvenate and preserve the wood for maximum investment protection. It simultaneously forms a hard thin film with a tenacious bond that creates its ultra durable water tight seal. This outstanding sealing strength will enable use on previously stained or painted surfaces. Furthermore, you can safely stain indoor or outdoor without the worry of toxic offgassing or combustible hazards.

You will find that TimberSoy™ Poly Stain & Sealer is the best wood stain to use on virtually any type of bare, previously stained or painted surface. By nature of the semi-transparent colorants of our non toxic wood stain, it will highlight the wood grain and all its natural characteristics. If you want to achieve a darker or more uniform color appearance, select from our semi-solid colors or double the pigment load to your stain base. For optimum color and sealing results, apply either two coats of the Stain & Sealer, or one coat of the Stain & Sealer, then topcoat with either EcoPoly Sealer & Finish or EcoTuff Clearcoat to increase the sheen and/or surface barrier level. Save time, materials, and costs without jeopardizing your health or environmental welfare. Choose TimberSoy™ as the best wood stain to preserve your investment and to provide a beautiful streak free natural looking finish.

### Intended Uses

For new, old, or reclaimed wood that has been properly cured, filled, or repaired and all finishes or bond breakers have been removed. Prepare for staining by cleaning (EcoFast 500 Cleaner) and/or sanding with the applicable grit to remove imperfections, then finish sanding to reach the desired texture before staining. Lightly sand existing coatings for best adhesion.

**Wood Floors • Wood Decks • Wood Cabinets • Wood Sheds  
Wood Cabins • Wood Fences • Wood Furniture • Wood Trim**

**LIMITATIONS:** Do not apply when surface temperatures are below 45° F or if humidity is above 80%. Test if using on oil based finishes.

### Performance Features

- Will Not Flake or Peel
- Breathable Chemistry
- Highest Industry Coverage
- Lap Free & Streak Free
- Fade Resistant + Anti-Fade
- Integrally Colorizes & Bonds
- 30-60 Minute Dry Time
- Soap & Water Cleanup

### Green Building & Sustainability Features

- CDPH 2.1 VOC Emissions
- LEED v4 Transparency Report
- HPD Transparency Report
- Renewable Resource Content
- Recycled Content Material
- Produced in AZ, USA
- No Red List Chemicals
- Qualifies for CHPS

### Technical Product Information

#### APPLICATION TOOLS & EQUIPMENT:

**Protection:** Gloves, safety glasses, shoe covers, plastic sheeting, rosin paper, delicate surface painters tape, rags, etc.  
**Manual Applicator Choices:** Foam trim pad, high quality brush, 16"-18" wood block applicator w/nylon foam pad or lambswool pad, 18" paint tray.  
**Mechanical Applicators:** 45-90 psi pump sprayer, airless sprayer w/.010-.012 tip, HVLP sprayer w/ .80 - 1.3mm tip.

**SHEEN LEVEL:** A matte to satin sheen depending on color density and surface texture. You may topcoat with EcoPoly or EcoTuff clear finishes to enhance sheen or protection.

**COLORS:** Choose from (36) beautiful high strength colorfast colors or our optional anti-fade infrared reflective (I.R.) colors. Semi-transparent or semi-solid finish.

#### OUR INGREDIENTS & SUPPLY CHAIN PROCESS: A Commitment to Sustainable Chemistry.

ESP evaluates and screens every raw material using a third party service partner comparing ingredients against the most current GreenScreen® and Red List Chemical databases prior to launching any R & D product development project. Additionally, every supplier agrees to participate in our full ingredient transparency program to ensure every ingredient they use in their material down to a minimum of 1,000 ppm, can be screened, then submitted for a LEED v4, Health Product Declaration (HPD), and other "Green Building" program reports.

#### TECHNICAL DATA:

Chemical Type:	Bio-Based Emulsion Resins
Pigment Type:	Bio-Based High Strength & I.R. Colorants
Typical Coverage:	400 - 500 Square Feet Per Gallon (The coverage rate will vary depending on surface texture, porosity, and the volume of the material applied.)
Typical Dry Time:	30 Minutes to 1 Hour
Installation Temperature: (Ambient & Surface Temp.)	45° F - 95° F < 80% Humidity
Drying Methods:	By Evaporation, Forced Heat or Forced Air Will Accelerate Drying
Viscosity:	65 KU +/- 5
Bio-Based Content:	< 10%
VOC Content:	0 Grams/Liter

**For Technical Assistance:**  
Contact your retailer or call  
(602) 305-9397

**Store at room temperature. Keep from freezing or extreme heat.**



#### Eco Safety Products

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