

# TimberSoy Wood Stain Product Data Sheet



## Description

TimberSoy™ Wood Stain is a penetrating non toxic wood stain formulated with our proprietary water-based, plant oil hybrid emulsion chemistry to better preserve, protect, and beautify unfinished bare wood surfaces. Our sustainable and renewably sourced chemistry replaces the function of sap with natural oils that absorb into the wood fibers instead of filling it with harsh petrochemicals that will cause premature drying or damage. In addition to rejuvenating the wood, our penetrating formula enables the wood to breathe, is fast drying, and delivers a non film forming integral wood stain that will never flake or peel. Enhance the life and beauty of your wood surface with natural ingredients made for natural materials.

You will find that TimberSoy™ is the best wood stain to use on virtually any type of bare wood species. By nature of the semi-transparent color penetration 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. Select from our bio-based sealers and finishes that best suits your final sheen, protection level, and maintenance desired. Save time, materials, and costs without jeopardizing your health or environmental welfare. Select TimberSoy™ as the best wood stain to preserve your investment and to provide a beautiful streak free, film 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, degreasing (EcoFast 500 Cleaner) and/or sanding with the applicable grit to remove imperfections, then finish sanding to reach the desired texture before staining.

**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%. Only tint with Eco-Color Colorants.

## 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/foam pad, or lambswool pad.

**Mechanical Applicators:** 45-90 psi pump sprayer, airless sprayer w/.010-.012 tip, HVLP sprayer w/.80 - 1.3mm tip. Use a 10"-20" floor buffer with a white pad for quicker buffing.

**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 - 600 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: 45° F - 95° F < 80% Humidity  
(Ambient & Surface Temp.)

Drying Methods: By Evaporation, Forced Heat or Forced Air Will Accelerate Drying

Viscosity: 65 KU +/- 5

Bio-Based Content: < 25%

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**

2921 W. Culver Street, #4B  
Phoenix, Arizona 85009 U.S.A.  
T: (602) 305-9397 E: info@eco-safety.com  
www.ecoprocote.com