

# PRODUCT INFORMATION



31-5190

## Martin-Senour® T.P.S.®

### Exterior Alkyd Stain Blocking Primer

Martin-Senour® T.P.S.® (Total Primer System) Exterior Alkyd Stain Blocking Primer is a premium quality, high hiding primer designed to block tannin, water and other stains on exterior wood.

- Premium Quality
- Blocks Tannin Stains from Bleeding Woods
- High Hiding White
- Applies in Temperatures as Low as 35°F
- Topcoat with Latex or Alkyd Paints

#### Recommended Uses

Use on exterior wood, hardboard, rough sawn siding, manufactured siding and trim. Excellent for bleeding type woods such as redwood, cedar and fir that may contain an excessive amount of tannins that can bleed through the finish. May be used to spot-prime or as an all-over primer.

#### Recommended Systems

##### Wood, Hardboard, Rough Sawn Siding, Manufactured Siding

1 coat Martin-Senour® T.P.S.® Exterior Alkyd Stain Blocking Primer

2 coats Martin-Senour® Latex or Alkyd Topcoat

#### Characteristics

<b>Finish:</b>	0-18 units @ 85°
<b>Colors:</b>	White
<b>Drying Time (@ 50% R.H.):</b>	
<b>At Temperature:</b>	35-45°F      45°F+
<b>To Touch:</b>	4-8 hrs      2-4 hrs
<b>To Recoat:</b>	24-48 hrs      24 hrs
<b>Spread Rate:</b>	350-400 sq. ft. per gallon, porosity and texture dependent
<b>Film Thickness:</b>	4.0 mils wet 2.4 mils dry
<b>Volume Solids:</b>	59% ± 2%
<b>Weight Solids:</b>	77% ± 2%
<b>Weight/Gallon:</b>	11.5 lb/gal
<b>Vehicle Type:</b>	Alkyd
<b>Flash Point:</b>	115°F, PMCC
<b>V.O.C.:</b>	319 g/L, 2.66 lb/gal
<b>Tinting:</b>	Use up to 4 ounces of Blend-A-Color® colorant per gallon
<b>Reduction:</b>	Not Recommended
<b>Cleanup:</b>	Mineral Spirits
<b>Size:</b>	Quarts, Gallons



## Surface Preparation

**WARNING!** Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, 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 cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in US) or contact your local health authority.

### Prepare the Surface:

To ensure proper adhesion, the surface to be painted must be free of dirt, dust, oil, grease, wax, salt, mildew, rust, and any other surface contaminants. Scrub overhangs, eaves and other surfaces with appropriate cleaner, rinse and allow to dry. Remove loose or peeling paint with scraper, wire brush or sandpaper. Sand glossy finishes dull. Remove dust.

On woods that tend to bleed tannins, such as redwood and cedar, test an area with this product to determine if the tannins will be activated by the solvent in this primer. To test for bleeding, coat a 4' x 4' section with this primer. If no tannin bleeding is evident within 4 hours, proceed with complete priming. If bleeding of any solvent-sensitive material occurs, use Martin-Senour® T.P.S.® Exterior Latex Primer instead.

**New Wood, Hardboard, Cedar, Redwood, Fir:** Sand any exposed wood to a fresh surface. Patch all holes and imperfections with a wood filler or putty, sand smooth and remove dust. Spot-prime knots, sap streaks and patched areas.

### Caulking

Fill gaps around doors, windows, and other trim with latex or siliconized latex caulk after priming the surface.

### Mildew

Remove before painting by washing with a solution of 1 part liquid bleach and 3 parts water. Apply the solution and scrub the mildewed area. Allow the solution to remain on the mildewed area for 10 minutes. Rinse thoroughly with water and allow surface to dry before painting.

**CAUTION: Wear protective glasses or goggles and waterproof gloves when washing with bleach solution. Quickly wash off any solution that touches the skin. Do not add household detergent or ammonia to the bleach solution.**

### Clean Up Information

Clean spills and spatters immediately with mineral spirits. Clean hands and tools immediately after use with mineral spirits. Follow manufacturer's safety recommendations when using any solvent.

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### Application

Do not apply this product when surface, air, or material temperature is below 35°F or if temperatures may drop to this level within 4 hours after application.

### Brush

Use a natural bristle brush.

### Roller

Use a 3/8" – 3/4" nap synthetic roller cover.

### Spray – Airless

Pressure.....2000 psi

Tip..... .019" - .021"

### Thinning

*Not required for brush, roller or airless spray application.*

### Tips to improve performance

- Clean the surface thoroughly
- Prepare the substrate to create a uniform surface.
- Patch cracks, crevices, and through-wall openings using proper sealant or patch.
- Fill voids and openings around windows and doors using proper sealant or patch.
- Caulk as needed using quality latex or siliconized latex caulk or sealant.

### Cautions

- For exterior use only.
- Not for use on floors, roofs or other horizontal surfaces where water may collect.

The information and recommendations set forth in this Product Data Sheet are based upon tests conducted by or on behalf of Martin-Senour Paints. Information and recommendations set forth herein are subject to change and pertain to the product offered at the time of publication. Consult your Martin-Senour Paints dealer or representative to obtain the most recent Product Data Sheet.

**1-800-MSP-5270**  
**www.martinsenour.com**