



# MAXUM<sup>®</sup>

## TRANSLUCENT SHEER NATURALS<sup>®</sup>

### WB ALKYD DECK & SIDING STAIN

### M7400 SERIES

#### Features

- Alkyd Deck & Siding Stain
- "Wet Wood Friendly"

#### General Description

Maxum<sup>®</sup> Sheer Naturals<sup>®</sup> is a waterborne formulated stain for accentuating the grainlines and textures of unpainted exterior wood. Formulated with our new Alkyd Dispersion Technology, it combines the penetrating performance of a solvent borne alkyd with the ease of a waterborne system. It is "Wet Wood Friendly" which allows for fast project completion, and has a low temperature cure that allows for application in near freezing temperatures. It tones the wood giving it a translucent effect without a heavy mask of color. It provides excellent protection against the damaging effects of Ultra-Violet rays from the sun. It retards wood dry rot and reduces warping. It resists chalking, peeling, blistering and cracking, and is fortified to withstand foot traffic. Mildew Resistant – This paint contains agents, which inhibit the growth of mildew on the surface of this paint film.

#### Recommended For

**EXTERIOR:** Wood Decks, Outdoor Wood Furniture, Wood Fencing, Wood Railings & Porch Trim, New Wood, Pressure Treated Wood, Weathered Wood, Fences, Wood Siding & Decorative Timbers.

#### Limitations

- Apply when surface and air ambient temperatures are above 35°F and below 90°F.
- Avoid paint application outside when weather conditions are threatening, and late in the afternoon when there is a chance of moisture condensing on wet paint.

#### Product Information

<p><b>Colors — Standard:</b></p> <p>M7400-10, Clear M7400-300, Natural M7400-316, New Cedar M7400-317, Butternut</p>	<table border="1"> <thead> <tr> <th colspan="2">Technical Data<sup>◇</sup></th> <th>Clear</th> </tr> </thead> <tbody> <tr> <td>Vehicle Type</td> <td></td> <td>Waterborne Alkyd</td> </tr> <tr> <td>Pigment Type</td> <td></td> <td>N/A</td> </tr> <tr> <td>Volume Solids</td> <td></td> <td>21.8 ± 1.0%</td> </tr> <tr> <td>Coverage per Gallon at Recommended Film Thickness</td> <td></td> <td>150 – 400 Sq. Ft.</td> </tr> <tr> <td>Recommended Film Thickness</td> <td>– Wet</td> <td>5.8 mils</td> </tr> <tr> <td></td> <td>– Dry</td> <td>2.7 mils</td> </tr> <tr> <td colspan="3">Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.</td> </tr> <tr> <td></td> <td>– Tack Free</td> <td>15 – 30 Minutes</td> </tr> <tr> <td>Dry Time @ 77°F (25°C) @ 50% RH</td> <td>– To Recoat</td> <td>No More Than 15 Minutes After First Coat</td> </tr> <tr> <td colspan="3">High humidity and cool temperatures will result in longer dry, recoat and service times.</td> </tr> <tr> <td>Dries By</td> <td></td> <td>Oxidation</td> </tr> <tr> <td>Viscosity</td> <td></td> <td>12 – 15 Seconds (#4 Ford Cup)</td> </tr> <tr> <td>Flash Point</td> <td></td> <td>200°F or greater (TT-P-141, Method 4293)</td> </tr> <tr> <td>Specular Gloss</td> <td></td> <td>15 – 20 Units @ 85°F</td> </tr> <tr> <td>Surface Temperature at Application</td> <td>– Min.</td> <td>35°F</td> </tr> <tr> <td></td> <td>– Max.</td> <td>90°F</td> </tr> <tr> <td>Thin With</td> <td></td> <td>Do Not Thin</td> </tr> <tr> <td>Clean Up Thinner</td> <td></td> <td>Warm, Soapy Water</td> </tr> <tr> <td>Weight Per Gallon</td> <td></td> <td>8.6 lbs.</td> </tr> <tr> <td>Storage Temperature</td> <td>– Min.</td> <td>45°F</td> </tr> <tr> <td></td> <td>– Max.</td> <td>95°F</td> </tr> <tr> <td colspan="3"><b>Volatiles Organic Compounds (VOC)</b></td> </tr> <tr> <td></td> <td>168 Grams/Liter</td> <td>1.41 Lbs./Gallon</td> </tr> </tbody> </table>	Technical Data <sup>◇</sup>		Clear	Vehicle Type		Waterborne Alkyd	Pigment Type		N/A	Volume Solids		21.8 ± 1.0%	Coverage per Gallon at Recommended Film Thickness		150 – 400 Sq. Ft.	Recommended Film Thickness	– Wet	5.8 mils		– Dry	2.7 mils	Depending on surface texture and porosity. Be sure to estimate the right amount of paint for the job. This will ensure color uniformity and minimize the disposal of excess paint.				– Tack Free	15 – 30 Minutes	Dry Time @ 77°F (25°C) @ 50% RH	– To Recoat	No More Than 15 Minutes After First Coat	High humidity and cool temperatures will result in longer dry, recoat and service times.			Dries By		Oxidation	Viscosity		12 – 15 Seconds (#4 Ford Cup)	Flash Point		200°F or greater (TT-P-141, Method 4293)	Specular Gloss		15 – 20 Units @ 85°F	Surface Temperature at Application	– Min.	35°F		– Max.	90°F	Thin With		Do Not Thin	Clean Up Thinner		Warm, Soapy Water	Weight Per Gallon		8.6 lbs.	Storage Temperature	– Min.	45°F		– Max.	95°F	<b>Volatiles Organic Compounds (VOC)</b>				168 Grams/Liter	1.41 Lbs./Gallon
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<p><b>Certification:</b></p> <p>The products supported by this data sheet contain a maximum of 250 grams per liter VOC / VOS (2.09 lbs/gal.) excluding water and exempt solvents.</p> <p>This product is compliant under the Ozone Transport Commission regulations as a Stain.</p> <p>This product meets the qualifications for LEED (Leadership in Energy and Environmental Design) projects as a Stain.</p>																																																																									
<p><b>Technical Assistance:</b></p> <p>Available through your local authorized independent dealer. For the location of the dealer nearest you, call 1-800-225-5554, see <a href="http://www.maxumstains.com">www.maxumstains.com</a> or consult your local Yellow Pages.</p>																																																																									

<sup>◇</sup> Reported values are for Clear. Contact dealer for values of other

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bases or colors.



## Surface Preparation

All surface areas to be painted should be clean, dry, sound and free of all dirt, grease, oils, waxes, loose wood fibers, mill glaze, mildew and any other surface contaminants that may cause paint failure. Grease residue should be removed with an Oil and Grease Emulsifier. Sand off any markings used to grade or identify the wood. Any existing mill glaze should be sanded sufficiently to open the wood grain. Wood can be slightly damp but not wet to the touch.

**Mildew** – Mildew is a natural occurrence over which we have no control. Surface areas that are affected by the growth of mildew should be vigorously hand scrubbed with a soft-medium bristle brush and 1 cup of Tri-Sodium Phosphate – (TSP), or non-ammoniated detergent cleaner mixed with a solution of 1 part household bleach and 3 parts of warm water, per gallon solution. Follow manufacturer's instructions for safe handling and use of cleaning solution. Allow the solution to stand on the affected surface areas for approximately 10 – 20 minutes, then rinse with clean water and allow to dry thoroughly.

**WARNING!** If you scrape, sand or remove old paint, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead).

## Stain System

**Previously Sealed, Stained or Painted Wood** – All existing coatings must be completely removed. If surface was stained previously with Maxum® Sheer Naturals®, removal of existing material is not necessary unless water continues to bead on the surface. Removal can be accomplished by use of chemical "no wax" strippers, or by hand scraping, sanding, wire brushing or power tool cleaning methods. Any chemical residue, dead wood fibers or sawdust should be completely removed. Repair/replace any seriously damaged and/or delaminated surface areas.

**Color Testing:** It is recommended to test a small area of scrap wood for color approval before you begin. Maxum® Waterborne Alkyd Stains appear slightly milky in appearance in the can and when applied to the wood surface. This is normal. Once applied, the alkyd resins begin to penetrate and bond. As this occurs, and water evaporates, the slightly milky appearance disappears.

## Application

**DO NOT THIN!** Maxum® Sheer Naturals®, apply easily with a quality synthetic brush, roller, stain pad, or airless spray methods. This product may be applied at temperatures down to 35°F. Apply a two-coat finish system. Stir product thoroughly before and during application to ensure uniformity in color. Apply by brush, roller or stain pad to effectively work stain into the wood pores. Apply stain to two or three boards at a time and apply a smooth and generous coat with the wood grain, continuing the entire length of the boards or until you reach a natural break in the surface. Avoid any excessive re-spreading or reworking. Always maintain a wet edge during application by brushing/rolling into previously applied coating area. When applying by airless spray, use a unit with a minimum of 2000 psi of pressure with a 0.011 - 0.015 fluid spray tip. During spray application, back-roll/brush the surface area to ensure even application and effectively work stain into the wood pores. If applying a two-coat finish system, allow the first coat 5 to 10 minutes to dry, then apply second finish coat in no more than 15 minutes after application of first coat, removing excess stain. Avoid application in direct sunlight or on windy days. Apply when surface and air ambient temperatures are above 35°F and below 90°F. Avoid paint application outside when weather conditions are threatening, and late in the afternoon when there is a chance of moisture condensing on wet paint.

**THIS IS A WET ON WET APPLICATION PRODUCT. A SECOND COAT MUST BE APPLIED WITHIN 15 MINUTES!**

## Cleanup

Any spills and spatters should be removed immediately with warm, soapy water. Clean all painting tools, such as brushes, roller covers and spray equipment with the same.

USE COMPLETELY OR DISPOSE OF PROPERLY. Dry empty containers may be recycled in a can recycling program. **Local disposal requirements vary; consult your sanitation department or state-designated environmental agency on disposal options.**

## Environmental, Health & Safety Information

**Use only with adequate ventilation.** Do not breathe spray mist or sanding dust. Ensure fresh air entry during application and drying. Avoid contact with eyes and prolonged or repeated contact with skin. Avoid exposure to dust and spray mist by wearing a NIOSH approved respirator during application, sanding and clean up. Follow respirator manufacturer's directions for respirator use. Close container after each use. Wash thoroughly after handling.

**WARNING:** This product contains a chemical known to the state of California to cause cancer and birth defects, or other reproductive harm.

**FIRST AID:** If affected by inhalation of vapors or spray mist, remove to fresh air. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical attention immediately; for skin, wash thoroughly with soap and water. If symptoms persist, seek medical attention. If swallowed, do not induce vomiting. Get medical attention immediately.

**IN CASE OF SPILL** – Absorb with inert material and dispose of as specified under "Clean Up".

**KEEP OUT OF REACH OF CHILDREN**

**PROTECT FROM FREEZING**

**Refer to Material Safety Data Sheet for additional health and safety information.**