



Solar Max
SEMI – TRANSPARENT
Deck Stain & Wood Protector
3544 – Clear
3545 – Cedar
3546 – Redwood

Type	Sheen	Spread Rate	Recommended Application	Thinner	Clean Up	DRY TIME		
						Tack Free	Re-coat	Full Cure
Oil	N/A	Up to 250 Sq Ft Per Gallon	Brush, Roller, Low Pressure Airless Spray, Garden Sprayer	Mineral Spirits	Mineral Spirits	8 Hours	24-36 Hours	10 Days
PRODUCT NAME: SOLAR MAX Semi - Transparent Deck Stain		SOLAR MAX protects natural wood fibers and repels damaging moisture. This provides dimensional stability against swelling and warping, plus, it offers protection from rot and decay. SOLAR MAX exterior semi-transparent wood stain is true to nature by accentuating the natural wood grain and texture. SOLAR MAX is for exterior use only. Contains transparent iron oxide and UV absorbers to protect wood from the sun damaging rays.						
WHERE TO USE:		Redwood Cedar Pine Fir Treated Wood	SOLAR MAX may be applied over bare wood surfaces, over previous semi-transparent oil stains that have weathered, over penetrating clear wood finishes that have weathered, or to recoat itself. Do not apply SOLAR MAX over any Solid Body Stains or over any opaque paint finishes. SOLAR MAX must be allowed to penetrate the surfaces being stained, for proper performance of the material.					
Surface Preparation:		The wood surface to be stained must be clean, dry and free from dirt, dust, mildew, loose wood fibers, mill glaze or any other surface contaminate or condition that could affect product penetration and performance. Surface contaminates, such as dirt, loose wood fibers, cobwebs, chalk, bug specks, etc; can be removed by power washing or by conscientious wire brushing, followed by a water rinse. Allow the wood surface to dry completely before staining. If mildew is present, remove active spores by washing with a deck wash mildew remover or a solution of one part household bleach mixed with three parts water. Rinse the washed surface thoroughly and allow to dry completely before staining. New redwood, cedar or pressure treated lumber should be allowed to naturally weather and dry out for at least 30 days or until water no longer beads up on the wood surface before staining. New, smooth planed lumber may require special preparation if a mill glazed condition exists that would inhibit stain penetration. If mill glaze is present, treat the new, smooth mill glazed wood surface with a mill glaze remover or sand the surface sufficiently to open the wood up for proper stain acceptance. Exposed bare wood, that has turned gray, should be treated with a wood bleach restorer, before applying this product.						
Application:		Stir product thoroughly before use. SOLAR MAX may be applied by brush, roller, low pressure airless spray or typical garden variety spray pump. Apply at 150 to 250 square feet per gallon. Actual yield will vary with surface texture and porosity. SOLAR MAX will dry to touch in about 8 hours. Allow a minimum of 36 hours dry time before putting deck back in service. To achieve uniform application, apply SOLAR MAX to one or two boards, running the entire length of the boards, or to a natural break. Then apply to one or two more boards, until the deck is finished. Always maintain a wet edge to avoid lap marks. Do not apply if the material, air or surface temperatures are below 40 degrees Fahrenheit. Low temperatures or high humidity conditions will extend the dry time of this product. Do not apply over damp surfaces or if rain is threatening. IMPORTANT – Do not attempt to overcoat SOLAR MAX with any latex product until the finish has weathered at least 90 days. If there is more than one batch number of SOLAR MAX on the job, it is a good idea to inter-mix containers to assure uniform color appearance.						
NOTE: Formulated without mercury or lead.								

Resin Type:	Oil			
Solids:		<u>3545</u>	<u>3544</u>	<u>3546</u>
	Weight	35.0%	34.0%	35.0%
	Volume	28.6%	28.0%	28.0%
Weight Per Gallon:		<u>3545</u>	<u>3544</u>	<u>3546</u>
		6.98	6.93	7.00
Flash Point:	102° F			
Recommended Film Thickness:	Wet – Does not develop appreciable film.			
VOC / VOS Statement:	This product contains a maximum of 4.58 pounds VOC/VOS per gallon of coating or 550 GPL.			
Cautions:	<p style="text-align: center;">CAUTION! Combustible Contains Mineral Spirits</p> <p>Keep away from heat & flame. To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH / MSHA TC 230 or equivalent) or leave the area. Close container after each use. Avoid contact with skin. Use with adequate ventilation. NOTICE: Reports have associated repeated and prolonged occupational over exposure to solvents with permanent brain & nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents may be harmful or fatal.</p> <p style="text-align: center;">KEEP OUT OF REACH OF CHILDREN.</p> <p>Rag Disposal: Lay used rags in a single layer outdoors and allow to air dry for 24 hours. To minimize the chance of spontaneous combustion typical of natural drying oils, place rags in a water filled metal container for disposal.</p>			

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