WATCO® TEAK OIL

DESCRIPTION AND USES

Unlike surface coatings, WATCO penetrating oil enhances the natural look and feel of wood. It penetrates deep into wood pores to create the rich, warm glow of a hand-rubbed finish. WATCO Teak Oil protects wood from within and will not chip, peel or wear away. It takes less than an hour for WATCO Teak Oil Finish to treat outdoor or indoor furniture and marine surfaces such as wood boat decks, cabinets and rails. Easy to apply and beautiful to look at, WATCO Teak Oil Finish is the choice of fine woodworkers and novices alike.

PRODUCTS

Type	Quart	Pint	Gallon
Teak Oil	67141	206347	67131

RECOMMENDED COMPANION PRODUCTS

PRODUCT APPLICATION

PREVIOUSLY FINISHED SURFACES

For best adhesion, surfaces must be clean, dry, and free of old finishes, dust, dirt, oils, or foreign matter. Old finishes in poor condition must be removed. Sand to obtain a smooth surface. Remove all sanding dust using a vacuum or cloth dampened with mineral spirits.

UNFINISHED SURFACE PREPARATION

Sand using 150-220 grit sandpaper and remove all sanding dust using a rag dampened with mineral spirits, or vacuum. If a filler or putty is used, make sure that it does not contain wax and allow for enough time to dry thoroughly.

APPLICATION TIPS

Use adequate ventilation at all times. Apply only when the air and surface temperatures are above 55°F, and below 90°F. Slower dry times may result from applications on redwood, cedar, or woods with a high tannin and oil content or periods of high humidity and/or low temperatures. Use full strength. To prevent bubbles in the finish, do not over-brush, shake, or apply with a roller. Test Watco Teak Oil in an inconspicuous area. Testing is particularly as the appearance of these products may change slightly when an oil-based finish is applied.

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PRODUCT APPLICATION (CONTINUED)

APPLICATION (Rag or Brush)

1.) Stir or invert can several times before and during use.
2.) Flood surface and work into wood with a lint free cotton/poly rag or high quality brush.
3.) Allow finish to dry minimum of 30 minutes before re-coating. Lower temperatures and/or higher humidity may cause slower dry times.
4.) Apply additional coats every 15 minutes. Wipe surface completely. Allow finish to dry 12 hours before light use.

EQUIPMENT RECOMMENDATIONS

AIR-ATOMIZED SPRAY:

Type of Gun	Fluid Tip	Atomizing Pressure
Standard Compressed Air	1.0-1.5mm (0.039”-0.059”)	45-80 p.s.i.
HVLP Turbin	1.0-1.5mm (0.039”-0.059”)	10 p.s.i.
HVLP Conversion	1.0-1.5mm (0.039”-0.059”)	10 p.s.i. (at the tip)

AIR-ATOMIZED SPRAY (Low VOC):

Type of Gun	Fluid Tip	Atomizing Pressure
Standard Compressed Air		
HVLP Turbin		
HVLP Conversion		

SPRAY TIPS

*Fluid Tips must be plastic or stainless steel.

**When using a standard compressed gun, product needs to be thinned 15-10% with Toluene.

***Low VOC product should be thinned.

CLEANUP

For easy clean-up, use paint thinner or mineral spirits. Dispose of properly. For guidance on disposal of unused product, contact your local or state government environmental control agency.

PRODUCT APPLICATION (CONTINUED)

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PERFORMANCE CHARACTERISTICS

CHEMICAL RESISTANCE KCMA Rating 1-10 10= No defects

Coke: 9
Vinegar:4
Lemon juice: 4
Coffee: 5
Nail polish: 2
Olive Oil: 6
Catsup: 9
Mustard: 4
Grape juice: 9
Vodka: 4
Orange juice: 8

IMPACT RESISTANCE Direct/Reverse
METHOD: ASTM 2794
RESULT: F/R 160/160

GLOSS (60°)
METHOD: D523
RESULT: > 70 at 3 mil DFT

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PHYSICAL PROPERTIES

		Watco Teak Oil
Resin Type		Oil-Phenolic rosin ester
Solvents		Mineral spirits
Volatile Organic Compounds*		Less than 450g/l (3.6 lb/gal)
Weight Per Gallon	Per Gallon	7.0-7.1 lb
	Per Liter	0.84-0.85kg
Solids	By Weight	48.1-49.1%
	By Volume	40.6-42.6%
Recommended Dry Film Thickness (DFT) Per Coat		0.8 – 1.5 mils (19-38μ)
Wet Film to Achieve DFT Per Coat		1½ - 3 mils (37.5-75μ)
Theoretical Coverage @ 1mil DFT (25μ)		660-680 sq ft/gal (16-17m²/l)
Practical Coverage @ Recommended DFT (Assumes 15% Material Loss)		560– 575 sq ft/gal (13.5-14m²/l)
Dry Times at 70°-80°F (21°-27°C) and 50% Relative Humidity	Tack Free	8 hours
	Handle	10 hours
	Recoat	30 hours
Dry Heat Resistance		212°F (100°C)
Shelf Life		3 years
Safety Information	Flash Point	106°F (41°C) Setaflash
	Contains	No lead has been deliberately added.
	Warning!	**CONTAINS: PETROLEUM DISTILLATES** **WARNING. VAPOR MAY BE HARMFUL IF INHALED. KEEP AWAY FROM OPEN FLAME. HARMFUL IF SWALLOWED. MAY CAUSE EYE AND SKIN IRRITATION. WEAR EYE PROTECTION AND PROTECTIVE CLOTHING. REFER TO MATERIAL SAFETY DATA SHEET FOR ADDITIONAL INFORMATION.**

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Rust-Oleum Corporation
11 Hawthorn Parkway | Vernon Hills, Illinois 60061 | Phone: (847) 367-7700 | www.rustoleum.com
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