



TOTALBOAT TUNG OIL

- 100% Pure tung oil with no added solvents or dryers
- Penetrates bare wood to enhance grain for a low-sheen appearance
- Builds water resistance with 2-5 coats for suitable indoor and outdoor wood
- Non-toxic and food-contact safe once fully cured

TotalBoat 100% Pure Tung Oil is a penetrating wood finish for furniture, cabinetry, countertops, turned pieces, cutting boards, serving pieces, restoration work, and suitable exterior wood. Apply to clean, dry, unfinished wood with a natural-bristle brush or lint-free cloth, allow 30-45 minutes for penetration, then wipe away all excess. Multiple coats deepen color and build water resistance without creating a surface film. Allow at least 7-10 days before light use and 15-25 days for full cure under warm, dry, well-ventilated conditions.

CLEANUP SOLVENTS: Mineral spirits. Once cured, it must be removed mechanically.

THINNER/REDUCER SOLVENTS: Mineral spirits, citrus solvent, or pine solvent.

ACCEPTABLE SUBSTRATES: Wood substrates.

PERSONAL SAFETY:

Always use proper Personal Protective Equipment as needed when handling or applying this product. Refer to the TotalBoat Tung Oil Safety Data Sheet for more info.

CAUTION:

CAN CAUSE SPONTANEOUS COMBUSTION. RAGS, STEEL WOOL, OR WASTE SOAKED WITH TUNG OIL MAY SPONTANEOUSLY CATCH FIRE IF DISCARDED IMPROPERLY. IMMEDIATELY AFTER USE, PLACE RAGS, STEEL WOOL, OR WASTE IN A SEALED, WATER-FILLED METAL CONTAINER.

SURFACE PREPARATION:

- All substrates must be clean, all dust, dirt, or sanding residue must be removed.
- Remove any grease, oil, wax, or other substances from the surface.
- Bare wood substrates should be sanded smooth with 220-grit sandpaper in the direction of the grain. Remove all sanding residue before applying Tung Oil.
- All paints, varnishes, or any other wood finishes besides Tung Oil should be removed.
- The moisture content of the wood should be less than 10% for best results. Moisture content over 15% can affect the

cure quality and finish of the Tung Oil, while extending the dry time.

TUNG OIL OVER STAINS:

- When applying Tung Oil over stains, it is very important to perform a small test on a sample piece to ensure that it achieves the desired appearance and product compatibility.
- Stains, whether oil- or water-based, must be properly applied and cured for the minimum amount of dry time before applying an oil finish (typically 2-5 days).
- Insufficient dry times or compatibility issues may lead to the oil not drying properly or achieve a desirable finish.

APPLICATION CONDITIONS:

- Optimal conditions for applying and drying Tung Oil are 60-80°F and less than 50% relative humidity.
- Drying Tung Oil under cooler or more humid conditions may extend dry times slightly. Applying under warmer, drier conditions may lead to slightly faster dry times.
- Avoid applying Tung Oil below 50°F or in places where dew, rain, or condensation may affect the product's finish.

APPLICATION:

- Stir before use if it has sat for a long duration. Avoid shaking as it may induce microbubbles.
- For the first coat, Tung Oil may be thinned with one of the specified solvents up to 50% for maximum penetration.
- Apply a generous wet film of Tung Oil to the surface with a natural bristle brush or clean, lint-free cotton cloth.
- Allow the oil to penetrate the wood for 30-45 minutes.
- Using a clean, lint-free cotton cloth, wipe up all remaining oil that is on the surface.
- Do not allow pooling or noticeable 'wet' spots as it will leave an inconsistent finish.
- Subsequent coats can be thinned up to 20%, but this is generally not needed.
- For best results apply 2-5 coats. If possible, allow 24 hours before applying the next coat.
- Fewer coats will leave a matte/oiled looking finish. If a deeper, more satin finish is desired, apply 5 or more coats.
- Allow Tung Oil to dry in a warm, dry, well-ventilated place.
- Allow 7-10 days dry time for light use, or 15-25 days for heavy use.

Maintenance:

- Fully cured surfaces can be cleaned with warm water and mild soap. Thoroughly rinse away any soap with clean water and allow the surface to dry. Prevent water from pooling before it dries.



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- Heavily worn areas can be rejuvenated by simply cleaning the surface thoroughly to remove any surface contaminants and applying a thin maintenance coat of Tung Oil.
- Follow all application directions and dry times to ensure the best finish and performance.

Product Storage:

- Keep the container tightly closed when not dispensing.
- Always store Tung Oil in a dry area away from sources of heat/ignition and sunlight.
- The ideal storage temperature is 50-80°F.
- Tung oil may form a skin on the surface during long-term storage. Products like Bloxygen can remedy this problem by displacing the oxygen in the container before placing the cap on.

APPLICATION DATA:

Application Film Thickness:	Thin film
Number of Coats:	2-5
Open Time/Working Time:	4-6 minutes* at 70°F
Application Temperature:	50°F or warmer
Tack-Free Time:	5 hours* at 70°F, 50% RH
Minimum Dry Time:	Roughly 7-10* days for light use 15-25 days* for full cure
Typical Thinning:	Up to 50% for the first coat, typically not thinned for subsequent coats

* When properly applied and cured in a thin film under normal application conditions

PHYSICAL DATA:

Components:	One
Units:	Quart
Color:	Golden amber (10 to 12 Gardner)
Appearance:	Transparent, clear oil
Specific Gravity:	.933 to .938
Flash Point:	>250°F
Oil Country of Origin:	China