



PRODUCT INFORMATION

DEFTOIL ®
DANISH OIL FINISH

DESCRIPTION: DEFTOIL is an Interior Penetrating Danish Oil. It is designed as a fine wood penetrating sealer to protect wood against the detrimental effects of water and other environmental hazards. The protective oils and polymerizing resin soak into dried and water damaged wood fibers and reinforces the cell structure. DEFTOIL does not require waxing. Non-toxic when dry.

SPECIFICATIONS

SOLVENT TYPE

Mineral Spirits
Modified Urethane

RESIN TYPE

Tung Oil, Linseed Oil, and Oil

FINISH

Very low sheen when applied to bare wood.

COLORS

Clear Natural, Light Walnut, Medium Walnut, Dark Walnut, Black Walnut, Fruitwood, Golden Oak.

BASES

Not available

VISCOSITY AT 77° F (25° C)

39 - 41 sec. EZ#1 (Zahn Cup)

VOC CONTENT

Available at 250 g/L and at 550 g/L (as supplied). Meet fed AIM Rule.

SOLIDS BY VOLUME *

250 VOC: 68 ± 1%
550 VOC: 36 ± 1%

SOLIDS BY WEIGHT*

250 VOC: 72 ± 1%
550 VOC: 40 ± 1%

WEIGHT PER GALLON

7.2 - 7.6

COMPOSITION BY WEIGHT*

	250 VOC	550 VOC
Vehicle	72 %	40 %
Solvent and additives	28 %	60 %

RECOMMENDED FILM THICKNESS PER COAT

Since all DEFTOIL has to penetrate the wood, the film thickness has no significance, and cannot be measured.

PRACTICAL COVERAGE PER COAT AT THE RECOMMENDED DRY FILM THICKNESS

250 VOC: 400 sq. ft./gal. 550 VOC: 550 sq. ft./gal.
(depending on surface conditions)

AVERAGE DRY TIME AT 77° F (25° C)

30 minutes after rubbing into the wood, the surface is dry. It takes at least a week to develop water resistance.

APPLICATION EQUIPMENT

Cloth, Brush, Airless Spray, HVLP Spray, Conventional Spray

PACKAGING

Pints, Quarts, Gallons, 5 Gallons, Drums

MATERIAL SAFETY DATA SHEET

Available on request

SURFACE PREPARATION

All surfaces must be cured, clean, dry, and free from dirt, dust, rust, stains, grease, oil, mildew, wax, efflorescence, and other contaminants. Remove all loose, peeling, or cracked coatings. Repair all cracks, holes, and other surface imperfections with a suitable patching material. Repaired surfaces should then be sanded, and cleaned. Since DEFTOIL has to penetrate the wood surface, it cannot be applied to a sealed surface. Sand any coating off completely to the bare wood.

THINNING RECOMMENDATIONS

DEFTOIL is supplied at application viscosity. Thinning is not recommended. In VOC (Volatile Organic Compound) regulated areas it is not permitted to add additional solvent.

APPLICATION

Shake well. Apply liberal amount over surface. After 30 minutes wipe off all excess. Do not allow any excess material to dry on the surface. Wipe surface completely dry. Read warning below about rags disposal.

CLEANUP

Use Mineral Spirits for cleanup. Dispose of waste in accordance with applicable laws and regulations.

OTHER SYSTEM INFORMATION

DEFTHANE, Oil Modified Urethane Varnish, as well as CLEAR WOOD FINISH, the finest brushing lacquer, can be applied over DEFTOIL, when more protection is desired, or a higher gloss appearance is needed.

SPONTANEOUS COMBUSTION

Rags, steel wool or other waste soaked with DEFTOIL may spontaneously catch fire if improperly discarded. **IMMEDIATELY AFTER USE**, place rags, steel wool or other waste in a sealed water filled container. Add a liquid detergent to the water to wash out the oil. Spread out all waste material in a single layer, to let it dry, while the heat developed can escape.

WARNING

COMBUSTIBLE, DEFTOIL contains Mineral Spirits, a combustible solvent. Provide adequate ventilation and avoid all ignition sources during application and drying.

*Not specification values. Representative values calculated based on product formulas and ingredient characteristics as reported to Deft by suppliers.

For Product Information on Deftoil® Exterior Wood Finish and Marine Teakwood Finish, contact Customer Service at AskDeft@deftfinishes.com or visit www.deftfinishes.com