



PRODUCT INFORMATION

Deftoil[®] Penetrating Danish Oil

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 soaks into dried and water damaged wood fibers and reinforces the cell structure. DEFTOIL does not require waxing, however DEFTOIL NATURAL SATIN WAX may be applied to the surface to increase the sheen of the surface. Non-toxic when dry.

SPECIFICATIONS

SOLVENT TYPE: Mineral Spirits
RESIN TYPE: Linseed Oil, Oil Modified Urethane
FINISH: Very low sheen when applied to bare wood.
COLORS: 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 in 350 g/L and 550g/L. VOC (as supplied). Meets the Federal AIM Rule.

SOLIDS BY VOLUME: 36 ± 1% (56% ± 1% for 350 VOC)
SOLIDS BY WEIGHT: 40 ± 1% (60% ± 1% for 350 VOC)
WEIGHT PER GALLON: 7.2 - 7.5 pounds
COMPOSITION BY WEIGHT:

VOC	350	550
Vehicle	60%	40%
		%
Solvent and additives	40%	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: 400 (for 350 VOC) - 550 (for 550 VOC) 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
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 regulated areas it is not permitted to add additional solvent.

CLEANUP

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

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.** A minimum of two applications are recommended. Read warning below about rag disposal.

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.

WARNING:

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

WARNING:

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 water filled container. Dispose of water filled container per local environmental regulations.

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