

# Polyurethane Interior Oil Based (450 VOC)

Interior Polyurethane for Maximum Durability



DEFT® Interior Oil Based Polyurethane is an oil modified urethane that provides professional results on a wide variety of wood surfaces. This finish gives a warm, golden tone to interior wood that provides maximum durability. *Deft* Interior Oil Based Polyurethane is ideal for stained or bare wood surfaces including furniture, floors, cabinets, doors, windows and trim.

## Proven Durability

- Durable, extra hard finish
- Resists abrasion and marring
- Self-leveling – no brush marks
- Enhances finished or unfinished wood
- Resists alcohol and common household chemicals

## Plenty of Uses

*Deft* Interior Oil Based Polyurethane provides durability and protection to a wide variety of interior surfaces. It's ideal for:

- Floors
- Doors
- Furniture
- Cabinets
- Trim

## Conformance Standard

VOC compliant – lower than Federal AIM



DFT221	Gloss	Quarts, Gallons
DFT221S	Gloss	Aerosol†
DFT224	Semi-Gloss	Quarts, Gallons
DFT224S	Semi-Gloss	Aerosol†
DFT226	Satin	Quarts, Gallons
DFT226S	Satin	Aerosol†

## Product Data

**PRODUCT TYPE:** Oil Modified Urethane

**SHEEN:**  
DFT221 Gloss: 90+ (60°)  
DFT224 Semi-Gloss: 45-55 (60°)  
DFT226 Satin: 14-24 (60°)

**VOLUME SOLIDS:** 44 ± 1%

**WEIGHT SOLIDS:** 50 ± 1%

**VOC\*:** <450 g/L

\*Product data calculated on DFT221

**WEIGHT/GALLON:** 7.2 – 8.2

**VISCOSITY\* @77°F (25°C):** 50-60 KU (Kreb's Units)

**FLASH POINT:** 111°F (43.89°C)

**COVERAGE:** Up to 500 sq.ft./gal; (46.5 sq.m/3.78L)  
depending on surface texture and porosity

**Wet Film Thickness:** 3.0 mils

**Wet Microns:** 76.2

**Dry Film Thickness:** 1.32

**Dry Microns:** 33.52

Coverage figures do not include loss due to surface irregularities and porosity or material loss due to application method or mixing.

**DRYING TIME:** Dry time @ 77°F (25°C); 50% relative humidity.

**To Touch:** 65 minutes

**Tack-Free:** 3 hours

**To Recoat:** 3 – 4 hours

*Drying times listed may vary depending on temperature, humidity, film build, color and air movement.*

**CLEANUP:** Clean all brushes and applicators with mineral spirits or paint thinner.

**DISPOSAL:** Contact your local environmental regulatory agency for guidance on disposal on unused product. Do not pour down a drain or storm sewer.

†Patented Fanspray™ nozzles rotates to create a more precise vertical or horizontal fan spray pattern; allow for better control, less overspray and more even coverage.

# DFT221, DFT224, DFT226

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### Application Information

Stir thoroughly before using. Do not shake. **USE WITH ADEQUATE VENTILATION. KEEP OUT OF REACH OF CHILDREN.** Read all label and Material Safety Data Sheets (MSDS) information prior to use. MSDS are available through our website or by calling 1-800-441-9695.

**Application Equipment:** Apply with a brush, paint pad, aerosol or by spray equipment; Airless, HVLP, Conventional. **DO NOT THIN.** For aerosols, please refer to the product label or MSDS for safety and detailed application instructions.

**Application Method:** Always apply with the grain of the wood using a smooth, even stroke.

### General Surface Preparation

Surface must be clean and dry. Remove all loose and peeling paint, dirt, grease and any other surface contaminants.

**WARNING!** If you scrape, sand, or remove old paint, you may release lead dust or fumes. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST OR FUMES CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a properly fitted NIOSH-approved respirator and prevent skin contact to control lead exposure. Clean up carefully with a HEPA vacuum and a wet mop. Before you start, find out how to protect yourself and your family by contacting the USEPA National Lead Information Hotline at 1-800-424-LEAD or log on to [www.epa.gov/lead](http://www.epa.gov/lead). In Canada contact a regional Health Canada office. Follow these instructions to control exposure to other hazardous substances that may be released during surface preparation.

**WARNING! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE LIQUID AND VAPOR. WARNING! COMBUSTIBLE LIQUID AND VAPOR. VAPOR HARMFUL. MAY AFFECT THE BRAIN OR NERVOUS SYSTEM CAUSING DIZZINESS, HEADACHE OR NAUSEA. CAUSES EYE, SKIN, NOSE AND THROAT IRRITATION. NOTICE:** Reports have associated repeated and prolonged occupational overexposure to solvents with permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling contents may be harmful or fatal. Keep away from heat and flame. Do not smoke. Prevent build-up of vapors by opening all windows and doors. **USE ONLY WITH ADEQUATE VENTILATION.** To avoid breathing vapors or spray mist, open windows and doors or use other means to ensure fresh air entry during application and drying. Do not use in an unventilated area. If properly used, a respirator (NIOSH/MSHA TC23C or equivalent) may offer additional protection; obtain professional advice before using. A dust mask does not provide protection against vapors. Avoid contact with eyes and skin. Close container after each use. Wash thoroughly after handling. If spilled, contain spilled material and remove with inert absorbent. Dispose of contaminated absorbent, container and unused contents in accordance with local, state and federal regulations. **FIRST AID:** If swallowed, do not induce vomiting. Call a physician immediately. If you experience difficulty in breathing, leave the area to obtain fresh air. If continued difficulty is experienced, get medical help immediately. In case of eye contact, flush immediately with plenty of water for at least 15 minutes and get medical help; for skin, wash thoroughly with soap and water. **WARNING!** If you scrape, sand or remove old paint from any surface, you may release lead dust. **LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE.** Wear a NIOSH-approved respirator to control lead exposure. Carefully clean up with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the U.S. EPA/Lead Information Hotline at 1-800-424-LEAD (5323) or log on to [www.epa.gov/lead](http://www.epa.gov/lead). **WARNING:** This product contains a chemical known to the STATE OF CALIFORNIA to cause cancer and birth defects, or other reproductive harm. Solvent nonphotochemically reactive. **KEEP OUT OF REACH OF CHILDREN.**

**BARE WOOD:** Sand with 180 to 220 grit sandpaper along the wood grain until smooth. Remove all dust. *Deft* Interior Oil Based Polyurethane can be applied direct to wood or to enhance the color of the wood, use *Deft* Interior Oil Based or Water Based stains.

**PREVIOUSLY COATED WOOD:** If the clean surface is in good condition, sand with 180 – 220 grit sandpaper. Remove all dust. Test in a small area. If it wrinkles or lifts, strip to bare wood. If the finish is damaged or deteriorated, complete removal of the finish is recommended.

**RECOAT:** For adequate protection two or more coats are required. A minimum of three coats are recommended for applications to interior floors. Sand with 180 to 220 grit sandpaper along the wood grain until smooth. Remove dust.

### Limitations of Use

Do not apply when the air, coating or surface temperature is below 50°F (10°C).

These products are not intended for immersion service or other extreme conditions. Not recommended in situations characterized by high heat or presence of corrosive chemicals.

Do not apply over sanding sealers which contain zinc stearate or shellac. *Deft* Polyurethane Interior Oil Based may amber after application. It is not recommended to use over light colored surfaces.