

MINWAX® Technical Data Sheet
MINWAX® ULTRA-DRYING POLYURETHANE FOR FLOORS (275 V.O.C.)

DESCRIPTION:

Minwax® Ultra Fast-Drying Polyurethane for Floors is a clear, water-based, durable protective finish specifically formulated for hardwood floors. It gives long lasting protection and beauty to floors in an ultra fast drying, easy to apply formula that levels to a smooth, even sheen. It provides a slight amber tone to the floor and does not require sanding between coats.

RECOMMENDED USE:

Minwax® Ultra Fast-Drying Polyurethane for Floors can be applied over Minwax® Wood Finish™ Stain, over bare wood, and over existing polyurethane finishes. It dries quickly so you can complete your floor finishing project in one day. It provides superior flow and levelling, helping ensure a beautiful result.

Note: Minwax® Ultra Fast-Drying Polyurethane for Floors should not be mixed with other Minwax® floor products including: Minwax® Super Fast-Drying Polyurethane for Floors and Minwax® Ultimate Floor Finish.

SURFACE PREPARATION:

WARNING: Removal of old paint by sanding, scraping or other means may generate dust or fumes that contain lead. Exposure to lead dust or fumes may cause brain damage or other adverse health effects, especially in children or pregnant women. Controlling exposure to lead or other hazardous substances requires the use of proper protective equipment such as a properly fitted respirator (NIOSH approved) and proper containment and cleanup. For more information, call the National Lead Information Center at 1-800-424-LEAD (in the US) or contact your local health authority.

1. Whether you have a bare wood floor, or a wood floor that already has a finish on it, you will need to sand the floor to prepare it for finishing. Rent or purchase a floor sander. Follow the sander manufacturer's directions to prepare your floor.
2. Sand to a smooth, uniform surface. Remove all sanding dust. Thoroughly wipe the wood with a clean, damp cloth to remove any remaining dust. Allow the wood to dry completely.
3. If desired, apply Minwax® Wood Finish™ Stain following label directions.

APPLICATION NOTES:

Product Preparation

- Stir Minwax® Ultra Fast-Drying Polyurethane for Floors before and during use to eliminate settling on the bottom of the can. Stir to rotate the product from the bottom to the top of the can. **DO NOT SHAKE.**
- The product will appear cloudy in the can, but dries clear.

Application:

1. Apply a THIN coat of Minwax® Ultra Fast-Drying Polyurethane for Floors using a new synthetic pad applicator. Maintain a wet edge to avoid lap marks.
2. Allow the finish to dry at least 2 hours, but less than 8 hours. If this timing is followed, no sanding between coats is needed. But if you have to let the finish dry for more than 8 hours, sand the finish lightly with 220 grit sandpaper. Do not scuff through to bare wood.
3. Apply a second coat following the steps above.
4. **Note:** If you are applying Minwax® Ultra Fast-Drying Polyurethane for Floors to bare wood, apply a third coat following the steps above. If this is a “screen and recoat” or if you applying over stain, only two coats are required.

Floor will bear light foot traffic in 24 hours. Avoid heavy traffic, and do not install rugs or clean floors for seven days. When replacing furniture, do not slide.

Clean application tools with soap and warm water immediately after use.

Note: For unstained floors made of white oak, apply Minwax® Sanding Sealer before applying Minwax® Ultra Fast-Drying Polyurethane for Floors. This seals the wood and prevents a possible tannin reaction (discoloration). If Minwax® Sanding Sealer is used prior to Minwax® Ultra Fast-Drying Polyurethane for Floors, apply following label directions. Wait a minimum of two hours before sanding, and apply two coats of Minwax® Ultra Fast-Drying Polyurethane for Floors.

DRY TIME :

Dry times are based on good ventilation, a temperature of 77°F and 50% relative humidity. Lower temperature, higher humidity, lack of air movement or application of thick coats will extended drying times. Do not use steel wool with this product.

MAINTENANCE

To clean surfaces protected by Minwax® Ultra Fast-Drying Polyurethane for Floors, we recommend a gentle cleaner designed for hardwood floors.

CLEANUP/STORAGE

For easy clean-up use soap and warm water. Keep out of reach of children.

SAFETY

CAUTIONS: CONTAINS 1-Methyl-2-Pyrrolidinone. CONTAINS MATERIAL THAT MAY CAUSE ADVERSE REPRODUCTIVE EFFECTS AND MAY ADVERSELY AFFECT THE DEVELOPING FETUS BASED ON ANIMAL DATA. Use only with adequate ventilation. To avoid overexposure, open windows and doors or use other means to ensure fresh air entry during application and drying. If you experience eye watering, headaches or dizziness, increase fresh air or wear respiratory protection (NIOSH approved) or leave the area. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

FIRST AID: In case of eye contact, flush thoroughly with large amounts of water for 15 minutes and get medical attention. For skin contact, wash thoroughly with soap and water. In case of respiratory difficulty, provide fresh air and call a physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately.

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm.

DO NOT TAKE INTERNALLY. KEEP OUT OF REACH OF CHILDREN.

PHYSICAL PROPERTIES:

		<u>Testing method:</u>
Resin type:	Urethane	
Solvent:	Water, 1-methyl-2-Pyrrolidone, Glycol Ether	
Odor:	Mild Amine	
Luster (@ 60°):	Satin 24 +/- 6	ASTM D 523
	Semi-Gloss 56 +/- 5	ASTM D 523
	Gloss 90 minimum	ASTM D 523
No. of coats:	2-3	
Dry-time:	Recoat: 2 hours; Final coat: 24 hours (light use)	ASTM D 1640 Gardner Circular
Dry film thickness:	0.6 mil/coat	
Flash point:	>212°F (SETAFLASH*)	SETAFLASH* ASTM D 3828
Applicator:	Synthetic bristle brush	
VOC (grams/liter):	275 maximum	ASTM D 3960
Coverage (sq. ft/gal):	Approx. 500-600	
% Solids:	29.0 – 31.0	ASTM D 2369
Pounds/gallon:	8.25 – 8.65	
pH:	7.00- 9.00	
Viscosity (centipoises):	90 – 130	

*SETAFLASH is a registered trademark of Stanhope-Seta Limited.