

MINWAX® Technical Data Sheet

MINWAX® Super Fast Drying Polyurethane For Floors 350 V.O.C.

DESCRIPTION:

Minwax® Super Fast Drying Polyurethane for Floors 350 V.O.C. is a clear oil-based, durable protective finish specially formulated for hardwood floors. It has a maximum V.O.C. of 350 g/L meeting regulations in the OTC and LADCO states. Key Benefits of this product are:

- Superior durability for hardwood floors
- Optimized drying technology results in faster recoat time
- No sanding between coats
- Advanced anti-settling formula requires less stirring and provides even sheen

Available in Clear Satin, Clear Semi-Gloss and Clear Gloss.

RECOMMENDED USE:

Designed for interior hardwood floors.

SURFACE PREPARATION:

WARNING: Removal of old paint by sanding, scrapping 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 US) or contact your local health authority.

If existing finish is in poor condition, sand floor to bare wood to remove existing stain and finish and prepare as new floor. For new floors that will be stained or if Minwax® Sanding Sealer will be used, sand with no higher than 100-grit sandpaper until floor is smooth and uniform. If not using a stain or sanding sealer, sand no higher than 120-grit. For previously finished floors in good condition (no chipping, peeling, worn areas or residue) sand the floor lightly with 120-grit sand paper. Remove all dust.

APPLICATION NOTES:

PRECAUTIONS:

Surface must be dry and free of old finishes in poor condition, paint, wax, grease, polish, dirt and other foreign matter. Slight ambering may be experienced when applied over light-colored surfaces. Always spot test on an inconspicuous area to ensure satisfactory results.

- 1) Thoroughly wipe floor with a clean cloth dampened with mineral spirits and allow to dry.
- 2) Stir MINWAX® Super Fast Drying Polyurethane for Floors 350 V.O.C. before and during use to eliminate settling on the bottom of the can. Stir in such a manner as to rotate the product from the bottom to the top of the can. **NEVER SHAKE.**
- 3) Apply a thin coat and maintain a wet edge to avoid lap marks.
- 4) Let dry at least 6-8 hours until no longer tacky and can be walked on without damaging finish.
- 5) Apply a second coat.
- 6) Apply a third coat if the floor was not stained or sealed
- 7) After final coat, allow 24 hours before light use.

Note: If allowed to dry for more than 10 hours, lightly sand entire surface using 220-grit sandpaper or a square buff orbital or disk type sander with 220 grit sandpaper or the equivalent grit pad or screen (specifically designed for sanding between coats) to ensure proper adhesion and an even finish.

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DANGER: Rags, steel wool, other waste soaked with this product, and sanding residue may spontaneously catch fire if improperly discarded. Immediately place rags, steel wool, other soaked waste with this product, and sanding residue in a sealed, water filled, metal container. Dispose of in accordance with local fire regulations.

*Read all label directions and cautions carefully before use.

DRY TIME:

Dry times are based on application of thin coats, good ventilation, average temperature of 77°F and 50% relative humidity. Lower temperature, higher humidity, lack of air movement or excessive application will extend dry time.

MAINTENANCE:

To clean surfaces protected by MINWAX® Fast Drying Polyurethane for Floors 350 V.O.C., we recommend a gentle cleaner such as MINWAX® Hardwood Floor Cleaner.

CLEANUP/STORAGE:

Use mineral spirits or paint thinner, following manufacturer's safety instructions.

SAFETY:

WARNING! COMBUSTIBLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT

CAUTIONS: Contents are COMBUSTIBLE. Keep away from heat and open flame. CONTAINS: ALIPHATIC HYDORCARBONS. **VAPOR HARMFUL.** 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/MSHA TC23C or equivalent) 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 physician. If swallowed, call Poison Control Center, hospital emergency room, or physician immediately. **DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents, which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal. **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 THE REACH OF CHILDREN.**

PHYSICAL PROPERTIES:

Resin type:	Linseed Oil-Modified Polyurethane	Testing method:
Solvent:	Mineral Spirits	
Odor:	Mild Hydrocarbon	
Luster (@ 60°):	Satin 20 +/- 5	ASTM D 523
	Semi-Gloss 50 +/- 5	ASTM D 523
	Gloss 90 minimum	ASTM D 523

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No. of coats:	2 - 3	
Dry-time:	Recoat: 6-8 hours; Final coat: 24 hours (light use)	ASTM D 1640 & Gardner circular
Dry film thickness:	1 mil/coat	
Flash point:	>101°F (SETAFLASH*)	SETAFLASH* ASTM D 3828
Applicator:	Natural bristle or foam brush, lambswool or synthetic pad	
VOC (grams/liter):	350 maximum	ASTM D 3960
Coverage (sq. ft/gal):	600-700	
% Solids:	50- 53.0	ASTM D 2369
Pounds/gallon:	7.8 - 8.0	
Viscosity (centipoises):	100 - 180	

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