

MINWAX® Technical Data Sheet
MINWAX® Super Fast – Drying Polyurethane for Floors

DESCRIPTION:

A clear oil-based, durable protective finish specifically formulated for hardwood floors. It gives long lasting protection and beauty to floors in an easy to apply formula.

- Superior durability for hardwood floors.
- Optimized drying technology results in a faster dry time.
- No sanding required between coats if recoating within 12 hours.
- Advanced anti-settling formula ensures less stirring and fewer highs and lows across large areas, resulting in a more uniform sheen.

Minwax Super Fast-Drying Polyurethane is available in satin, semi-gloss, and gloss sheen levels.

RECOMMENDED USE:

Designed for interior hardwood floors. May be used over Minwax® Wood Finish and Minwax® Sanding Sealer. Also compatible with Minwax® Gel Stain and Minwax® Water-Based Wood Stains.

SURFACE PREPARATION:

If existing finish is in poor condition, sand floor to bare wood to remove all 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 with no higher than 120-grit. For previously finished floors in good condition (no chipping, peeling, worn areas or residue) sand the floor lightly using 120-grit sandpaper.

APPLICATION NOTES:

1. Thoroughly wipe floor with a clean cloth dampened with mineral spirits and allow to dry
2. Before use, stir Minwax® Super Fast-Drying Polyurethane for Floors to rotate the product from the bottom to the top of the can.
3. Apply a thin coat and maintain a wet edge to avoid lap marks.
4. Let dry at least 3-4 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 a stained or sealed

Note: Sanding is not required between coats. For maximum smoothness, allow 4-6 hours dry-time and sand with 220-grit sandpaper. Remove all dust. Thoroughly wipe floor with a clean cloth dampened with mineral spirits and allow to dry.

*Read all label directions and cautions carefully before use.

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.

DRY TIME:

Above 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:

Damp wiping with Minwax® Hardwood Floor Cleaner is recommended. Mild detergent and water may also be used. Do not use abrasive pads.

CLEANUP/STORAGE:

Use mineral spirits or paint thinner. Do not store near heat, sparks, open flames or other sources of ignition. Close container after each use. Store only in original container. Keep out of reach of children.

SAFETY:

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

CAUTIONS: Contents are COMBUSTIBLE. Keep away from heat and open flame. CONTAINS ALIPHATIC HYDROCARBONS. **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, get medical attention 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. **DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN.**

PHYSICAL PROPERTIES:

		<u>Testing Method:</u>
Resin Type:	Linseed Oil-modified Polyurethane	
Solvent:	Mineral Spirits	
Odor:	Mild Hydrocarbon	
Luster (@60°):	Satin 20 ± 5	ASTM D523
	Semi-gloss 50 ± 5	ASTM D523
	Gloss 90 minimum	ASTM D523
No. of coats:	2 – 3	
Dry-time:	Re-coat: 3-4 hours	ASTM D1640&
	Final coat: 12-18 hours (light foot traffic)	Gardner circular
Dry film thickness:	1.0 mil/coat	
Flash point:	> 101°F (Combustible)	SETAFLASH*
		ASTM D 3828
Applicator:	Natural Bristle Brush or foam brush, lambswool or synthetic pad	
VOC (grams/liter):	450 maximum	ASTM D 3960
Coverage (sq.ft. /gal.):	600 – 700	
% Solid:	50.15 – 51.15	ASTM D 2369
Pounds / gallon:	7.35 – 7.55	
Viscosity (centipoise):	130 - 230	

*SETAFLASH is a registered trademark of Stanhope-Seta Limited

4/16/07