

MINWAX<sup>®</sup> Technical Data Sheet  
MINWAX<sup>®</sup> ONE COAT POLYURETHANE

**DESCRIPTION:**

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Minwax<sup>®</sup> One Coat Polyurethane lets you complete projects three times faster than using a traditional clear protective finish. Its advanced formulation provides the same level of durability in one coat that is comparable to three coats of a conventional polyurethane. One Coat Polyurethane is a crystal clear, non-ambering protective topcoat that cleans up easily with soap and water, and is dry to touch in two hours.

**RECOMMENDED USE:**

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Minwax<sup>®</sup> One Coat Polyurethane can be used over bare wood and both oil-based and water-based stains. It resists damage from abrasion, scuffing, chipping, water, alcohol and other common household chemicals.

**SURFACE PREPARATION:**

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**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.

Ensure that the wood is dry and free of old finishes in poor condition, wax, grease, polish, dirt or other foreign matter. Sand to a smooth, uniform surface. **DO NOT USE STEEL WOOL.** Remove dust with a damp cloth. Let dry completely.

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## APPLICATION NOTES:

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1. If desired, apply Minwax<sup>®</sup> Wood Finish<sup>™</sup> or Minwax<sup>®</sup> Water-Based Wood Stain to unfinished interior wood surfaces following label directions. Wait at least 24 hours before applying Minwax<sup>®</sup> One Coat Polyurethane over Minwax<sup>®</sup> Wood Finish.<sup>™</sup>
2. Stir well before and regularly during use. **DO NOT SHAKE.**
3. Apply a coat of Minwax<sup>®</sup> One Coat Polyurethane with a high-quality synthetic bristle brush. Apply in the direction of the wood grain in one smooth uniform coat.
4. Allow 2 hours before light handling and 24 hours before normal use.
5. Clean brush immediately after use with soap and warm water.

## SPECIAL INSTRUCTIONS:

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Minwax<sup>®</sup> One Coat Polyurethane should not be applied over red mahogany stain. Instead, use Minwax<sup>®</sup> Fast-Drying Polyurethane or Minwax<sup>®</sup> Water Based Oil-Modified Polyurethane. Minwax<sup>®</sup> One Coat Polyurethane is not recommended for use on floors because it would require more frequent recoating in high traffic areas. Instead we recommend Minwax<sup>®</sup> Super Fast Drying Polyurethane for Floors, Minwax<sup>®</sup> Ultra Fast-Drying Polyurethane for Floors, or Minwax<sup>®</sup> Ultimate Floor Finish for maximum durability.

**\*Read all label directions and cautions carefully before use\***

Notes: Do not thin. Keep from freezing. Store below 105°F. For interior use only. 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. Always test surface for tackiness between coats. Oil-based stains, paints or coatings applied under Minwax<sup>®</sup> One Coat Polyurethane may amber normally. Always spot test on an inconspicuous area to ensure satisfactory results.

## SAFETY

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**CAUTIONS: CONTAINS ALKYL PROPANOLS, ETHYLENE GLYCOL, GLYCOL ETHERS, AND N-METHYL PYRROLIDONE. CONTAINS MATERIAL THAT MAY CAUSE ADVERSE REPRODUCTIVE EFFECTS AND MAY ADVERSELY AFFECT THE DEVELOPING FETUS BASED ON ANIMAL DATA. 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 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.

**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 may 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 REACH OF CHILDREN. CONFORMS TO ASTM D-4236**

Contact a physician for more health information.

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

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**PHYSICAL PROPERTIES:**

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		<u>Testing method:</u>
Resin type:	Polyurethane Dispersion Acrylic Resin	
Solvent:	Water, Alkyl Propanols, Ethylene Glycol, Glycol Ethers, and N-Methyl Pyrrolidone	
Odor:	Mild	
Luster (@ 60°):	Satin 25 +/- 5	ASTM D 523
	Semi-Gloss 57 +/- 5	ASTM D 523
	Gloss 90 +/- 5	ASTM D 523
No. of coats:	1	
Dry-time:	Dry to Touch: 2 hours	ASTM D 1640
	24 hours (light use)	
Dry film thickness:	3.0 mil/coat	
Flash point:	>200°F (SETAFLASH*)	
ASTM D 3828		
Applicator:	Synthetic bristle brush	
VOC (grams/liter):	275 maximum	ASTM D 3960
Coverage (sq. ft/gal):	Approx. 50 sq. ft. per quart	
% Solids:	38.0 – 40.0	ASTM D 2369
Pounds/gallon:	8.5 – 8.8	ASTM D 1475
pH:	7.0 –9.0	
Viscosity (centipoises):	1400 – 2400	

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