

## Product Data Sheet MINWAX® Wood Finish™

### DESCRIPTION:

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**Minwax® Wood Finish™** is a penetrating oil-based wood stain, which provides beautiful rich color that enhances the natural wood grain. It applies easily, absorbs deep into the pores of the wood, and is ideal for staining unfinished wood furniture, cabinets, doors, trim, molding, and hardwood floors.

### RECOMMENDED USE:

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**Interior Use Only**

### 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 US) or contact your local health authority.

Surface must be dry, clean, and free of dirt, grease, glue and existing coatings before staining.

Sand the wood in the direction of the grain using fine-grade sandpaper (#220) until smooth. Remove all sanding dust.

To ensure uniform acceptance of stain color and beautiful results, pretreat the wood with **Minwax® Pre-Stain Wood Conditioner** following label directions.

### PRODUCT PREPARATION AND COLOR TESTING:

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Stir stain thoroughly before and occasionally during use.

Always test stain on a scrap piece or hidden area of wood to verify desired color.

### STAIN APPLICATION :

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1. Apply stain in the direction of the grain with a brush or clean cloth.
2. Allow the stain to penetrate 5-15 minutes to achieve desired color. The more time the stain is allowed to penetrate, the richer and darker the color will be.
3. Remove stain that has not penetrated the wood with a clean cloth. Wipe in the direction of the grain, while blending light and dark areas to obtain uniform color. **DO NOT ALLOW STAIN THAT HAS NOT PENETRATED THE WOOD TO DRY ON THE WOOD SURFACE.**

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4. To darken color, apply a second coat after 4-6 hours – repeating directions for application of first coat. Do not sand between coats of stain.
5. Dry time may be extended due to high humidity, low temperatures or inadequate ventilation.

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**CLEAR FINISH APPLICATION:**

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After a minimum of 8 hours, complete your project by applying a clear protective finish such as **Minwax® Fast-Drying Polyurethane** or **Minwax® Helmsman® Spar Urethane**. For a low odor, water clean-up clear finish, apply **Minwax® Water Based Oil-Modified Polyurethane** or **Minwax® Polycrylic® Protective Finish** after 24 hours.

**Minwax® Polycrylic®** should not be used over **Red Mahogany** stain.

Complete your floor finishing project with **Minwax® Super Fast-Drying Polyurethane For Floors** or **Minwax® Ultimate Floor Finish**.

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**CLEANUP/STORAGE:**

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

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**SAFETY:**

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**DANGER! HARMFUL OR FATAL IF SWALLOWED. COMBUSTIBLE! VAPOR HARMFUL. IRRITATES EYES, SKIN AND RESPIRATORY TRACT.**

**CAUTIONS: CONTAINS ALIPHATIC HYDROCARBONS.** Contents are **COMBUSTIBLE**. Keep away from heat and open flame. **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 physician. If swallowed, do not induce vomiting. 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 REACH OF CHILDREN.**

**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 waste soaked with this product, and sanding residue in a sealed, water-filled, metal container. Dispose of in accordance with local fire regulations. CONFORMS TO ASTM D-4236. Contact a physician for more health information.

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**PHYSICAL PROPERTIES:**

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		<u>Testing Method</u>
<b>Resin type:</b>	Modified Linseed Oil/Hydrocarbon Resin	
<b>Solvent:</b>	Mineral Spirits	
<b>Odor:</b>	Mineral Spirits	
<b>Luster:</b>	N/A	
<b>Application time:</b>	5-15 minutes	
<b>No. of Coats:</b>	1 to 2	
<b>Dry-time:</b>	Recoat: 8 hours minimum	Gardner circular
<b>Flash point:</b>	>100°F (Combustible)	ASTM D 93
<b>Applicator:</b>	Brush or Rag	
<b>VOC (grams/liter)</b>	550 Maximum	EPA Method 24
<b>Coverage (sq. ft./gal.):</b>	Approx. 600	
<b>% Solids:</b>	40.0-45.6	ASTM D 2369
<b>Pounds/Gallon:</b>	7.0-7.6	ASTM D 1475
<b>Viscosity (Centipoise):</b>	20-50	

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