

MINWAX® Technical Data Sheet
MINWAX® Clear Shield Aerosol

DESCRIPTION:

A protective clear finish for interior or exterior wood that is exposed to sunlight, water, or temperature changes. Clear Shield® is specially formulated with enhanced ultraviolet absorbers to help protect wood from the graying and fading effects of the sun. Clear Shield® also contains special oils that allow it to expand and contract with seasonal temperatures changes.

Clear Shield® Aerosols are available in Satin and Semi-Gloss sheens.

RECOMMENDED USE:

Designed for use on exterior bare or stained wood surfaces: Doors, windowsills, outdoor wooden furniture, signs, birdhouses, planters, window boxes, deck rails, trim and hot tub surrounds. Clear Shield® is not recommended for large surfaces where maintenance would be difficult, such as decks and house siding. Minwax Clear Shield® may also be used to help protect stains applied to fiberglass and metal doors.

SURFACE PREPARATION:

Surfaces must be dry and free of lacquer, shellac, paint, wax, grease, stearates, and polishes. Wood can be sanded to obtain a smooth and uniform surface. Remove all dust with a clean cloth dampened with mineral spirits. Old finishes in poor condition must be removed.

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.

APPLICATION NOTES:

1. Shake can vigorously for two minutes. Shake can for 10 seconds occasionally during use.
2. Protect adjacent areas from overspray (wet overspray can be removed with mineral spirits).
3. Hold can vertically 12 inches from surface, depress button fully.
4. Spray evenly across surface with slightly overlapping strokes. On unfinished wood, apply sufficient material to seal open joints, edges, and end-grain.
5. Apply thin coats to avoid runs and sags.
6. Recoat after 15 minutes. **If unable to recoat within 2 hours, wait a minimum of 72 hours and then lightly sand with 220-grit sandpaper, clean with a lint free cloth dampened with mineral spirits, and recoat.** Note: For exterior surfaces or bare wood, three coats are recommended.
7. After final coat, allow 24 hours before normal use.

Coverage: Approximately 20 -25 square feet per can

NOTE: Clear Shield® is not recommended for large, exterior surfaces where maintenance would be difficult, such as decks and siding. Slight ambering may be experienced when Clear Shield® is applied over light col-

ored stains or wood surfaces. Always spot test in an inconspicuous area to ensure satisfactory results.

NOZZLE CARE:

1. Immediately after using, turn can upside down and depress nozzle until no liquid comes out.
2. If nozzle is clogged, pull from can and clean with mineral spirits or paint thinner. DO NOT stick pins or wire into can opening.

DRY TIME:

Dry times are based on good ventilation, temperature of 77°F and 50% relative humidity. Lower temperature, higher humidity, lack of air movement or application of thick coats will extend drying times. Always test surface for tackiness between coats

MAINTENANCE:

Clean with Minwax Wood Cleaner, or gentle soap and water. When used for exterior applications, maintain by lightly sanding and adding an additional coat(s) as conditions require.

CLEANUP/STORAGE:

Use mineral spirits, paint thinner. Rags and other waste soaked with oil finishes may ignite if improperly discarded. Place rags and waste immediately after use in a sealed, water filled, metal container. Dispose of in accordance with local fire regulations. Wash with soap and water before eating, drinking, smoking, or using toilet facilities. Do not store near hear, sparks, open flames or other source of ignition. **KEEP OUT OF REACH OF CHILDREN.**

SAFETY:

DANGER! EXTREMELY FLAMMABLE. Do not spray near sparks, heat, or open flames. Vapors will accumulate readily and may ignite explosively. Keep area ventilated during use and until all vapors are gone. **DO NOT SMOKE.** Extinguish all flames, pilot lights and heaters. Turn off stoves, electric tools, appliances, and other sources of ignition. **CONTENTS UNDER PRESSURE.** Avoid prolonged exposure to heat (sunlight, radiators, stoves, hot water and other heat sources that may cause bursting). Do not puncture, incinerate, burn or store above 120 F (49 C). Do not discard empty can in garbage compactor. **CONTAINS: ALIPHATIC HYDROCARBONS, KETONES, AND HYDROCARBON PROPELLANTS. VAPOR HARMFUL.** May affect the brain or nervous system causing dizziness, headaches, or nausea. Use with adequate ventilation. Avoid continuous breathing of vapor and spray mist. 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, wear NIOSH approved respiratory protection; or leave the area. **Avoid contact with eyes and skin.** Wash hands after using. **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. Intentional misuse by deliberately concentrating and inhaling 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.** Conforms to ASTM D-4236. Call a physician for more health information.