



TECHNICAL DATA

INTERIOR WATER-BORNE POLYURETHANE

#8080 Clear Gloss, #8082 Clear Satin & #8087 Clear Semi-Gloss

DESCRIPTION

Recommended Uses:

Cabot Interior Water-Borne Polyurethane is an easy-to-apply, quick clean-up, crystal-clear finish for interior wood surfaces. Formulated with state-of-the-art resins, this clear finish is non-yellowing and perfect for use over light or natural wood colors. Cabot Water-Borne Polyurethane dries quickly and can be recoated in only two hours. This extremely durable finish resists abrasion, alcohol, water and virtually all household chemicals. This product is ultra-fast drying, has superior hardness and adhesion.

Composition:

Water-Borne Polyurethane

Finish:

Dries to a highly durable, protective clear coat.

Sheen Levels:

Clear Gloss #8080, Clear Satin #8082 and Clear Semi-Gloss #8087

Tinting/Intermixing:

Do not tint or intermix with other products.

Coverage/Thinning:

One gallon covers up to 400–500 sq. ft. (37–46 m²) depending upon surface porosity. Do not thin. One quart covers up to 100-125 sq. ft. (9.3–11.6 m²) depending upon surface porosity. Do not thin.

Packaging/Containers:

Available in quart and gallon containers

Restrictions:

Do not apply when air or surface temperature is below 50°F. Do not thin or add colorant to this product. Do not let freeze.

For interior use only.

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Environmental Impact:

These products are in compliance with V.O.C. (Volatile Organic Compounds) requirements for Specialty Architectural Coatings under current regulations. Call Cabot's Technical Services & Support for additional information pertaining to current V.O.C. rulings.

Emergency Medical Telephone:

1-888-345-5732

Clean-up and Disposal: Clean brushes and equipment with warm, soapy water.

Dispose of empty cans or unused portion in accordance with local, state and federal regulations. Close container when not in use. Material Safety Data Sheets (MSDS) are available upon request.

Physical and Chemical Data:

Water Repellent: Yes

Weight: 8.6–8.7 pounds per gallon.

Flash Point: 201°F (94°C)

Film Thickness: .5-0.8 mils per coat on sealed surfaces

Shelf Life: A minimum of five (5) years in closed original containers

% Solids (weight): 27.5–28.5

% Solids (volume): 25.0–26.0

% Pigment (weight): 0–0.6

Viscosity: 50–100 cps.

Pigment Type: Precipitated Silica

Vehicle Type: Water-borne Polyurethane

Solvent Type: Water and NMP

V.O.C. Content: GPL Maximum of 215 grams/liter (1.8 pounds/gal.)



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APPLICATION

Surface Preparation:

General: Clean and dry surface thoroughly, removing all dirt, dust, wax and wood marks. Remove gloss with sandpaper or liquid gloss remover. Do not apply over lacquer or shellac.

New or Stained Wood: Smooth wood lightly with sandpaper. Stain, if desired, and sand lightly again. Remove sanding dust before finishing. For the smoothest finish appearance on furniture and cabinets, apply one or two coats of Cabot® Water-Borne Sanding Sealer.

Painted or Varnished Wood: Remove all paint and varnish in poor condition with sandpaper or paint and varnish remover following manufacturer's instructions and safety precautions. Then, follow new wood instructions. Varnish in good condition merely needs to be clean and have the gloss dulled.

WARNING! If you scrape, sand or remove old paint from any surface, you may release lead dust. LEAD IS TOXIC. EXPOSURE TO LEAD DUST CAN CAUSE SERIOUS ILLNESS, SUCH AS BRAIN DAMAGE, ESPECIALLY IN CHILDREN. PREGNANT WOMEN SHOULD ALSO AVOID EXPOSURE. Wear a NIOSH-approved respirator to control lead exposure. Clean up carefully with a wet mop or HEPA vacuum. Before you start, find out how to protect yourself and your family by contacting the USEPA/Lead Information Hotline at 1-800-424-LEAD (5323) or visit www.epa.gov/lead.

Wood surfaces must be clean, free of sanding dust, wax, grease, old finishes, mildew stains or other contaminants. Surfaces must be absolutely dry with moisture below 15%. Fill nail holes with high-quality wood putty then sand surface to the desired smoothness using progressively finer grades of sand paper to remove all scratches and nicks. Do not use steel wool in surface preparation. On previously clear-coated surfaces, make sure surface is in sound condition and polyurethane is

compatible with surface. Lightly sand existing surface before applying first coat.

Application:

DO NOT SHAKE! Stir well before using. Before applying the finish to the entire surface, check effect by testing on an extra piece of the same wood or by applying to a hidden part of the object. Apply a uniform, thin coat using a high-quality, clean polyester brush. Do not apply with a roller. Brush in even strokes in the direction of the wood grain being careful not to overwork the finish or create foam when applying. Apply even pressure to applicator to ensure uniform film thickness. Allow to dry and sand lightly with a fine grit sandpaper between coats. **DO NOT USE STEEL WOOL.** Remove all sanding dust before applying additional coats. **For best results, apply at least two thin coats.**

Drying Time: Dries to the touch in 60 – 90 minutes. Wait at least 2 hours before recoating and overnight before use. Dry times are longer in high humidity or cool temperatures. Apply only when surface and air temperatures are between 50 – 90°F (10 – 32°C) during application and drying time.

Number of Coats: For best results, apply at least two thin coats.

AVAILABILITY

Cabot WoodCare Products are sold throughout the United States and Canada. For a list of Cabot dealer locations, please contact Cabot's Technical Services & Support at 1-800-US-STAIN.

WARRANTY

If this product does not perform as stated on the label after you apply it according to label directions, Cabot will either replace this product or refund its purchase price, at its option. Cabot disclaims all other implied or expressed warranties. Cabot will not provide or pay for labor for removal or application of the product. This warranty excludes all incidental or consequential damages. This warranty gives you specific legal rights, and you may have other rights which vary from state to state.

MAINTENANCE

Minimal because Cabot Water-Borne Polyurethane provides a tough, non-yellowing, water and mar-resistant finish. For additional protection for windowsills and window wells use Cabot Polyurethane.

TECHNICAL SERVICES

For additional technical information, product line color cards, fan decks and liquid product samples, see your specialized Cabot Dealer or call the Cabot Wood Care Specialists in Technical Services & Support toll-free at 1-800-US-STAIN.

FILING SYSTEMS

For complete model specifications and technical data on all Cabot products, visit the Cabot Home Page at cabotstain.com.



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