



# Technical Data Sheet

## Black Poly

### Product Features

Black Poly is a water-based topcoat for professionals and industrial facilities wanting a durable, fast-drying, black cabinet finish. It is formulated to spray from the can without having to thin and builds quickly.

### Recommended Uses

Interior cabinets, trim, doors, and furniture.

### Complies w/ the following air quality regulations:

SCAQMD, CARB, Canada, OTC Phase I & Phase II

**Application Conditions:** Recommended 70°F and 50% humidity, out of direct sunlight. Variations in conditions and application technique can significantly affect dry times and coverage. Use GF Accelerator in cool or humid conditions. Use GF Extender in warm or dry conditions.

**Surface Prep:** Always ensure the surface is clean of contaminants and dust. Sanding any surface too smoothly can reduce adhesion and create application issues like orange peel.

**Raw Wood:** Sand with no finer than 220 grit.

**Pre-finished Wood:** Clean using 50/50 mix of denatured alcohol and water with maroon non-woven pad. Sand with fine (220-320) foam sanding pad or maroon non-woven pad. A bonding primer may be necessary to ensure adhesion on highly-worn surfaces.

**Other Substrates:** Can be used with proper priming and/or painting. Always test first.

**Sanding Between Coats:** Using fine (220-320) foam sanding pad or gray non-woven pad.

**System Recommendations:** Prime with GF Lamp Black Milk Paint for faster color build on any surface and superior adhesion on existing finishes.

**Force Dry:** Allow product to flash for 10 minutes at ambient temperature. Using infrared lamps or oven, heat surface to 105°F. Allow to cool before sanding. Allow a minimum of 30 minutes between coats.

**Buffing:** Can be done after the finish has cured using wet/dry automotive sandpaper. Use GF Finishing Wax or mineral spirits as lubricant. Do NOT use water.

**Storage & Shelf Life:** Above 50°F and below 80°F, out of direct sunlight, tightly sealed. Finish preservers such as Bloxygen can help prolong storage life. Best if used within one year of date on can. Unopened and properly stored finish can conservatively last up to 5 years.

**Disposal:** Always dispose of any leftover coatings in accordance with local laws. Do not pour down the drain.

The information and recommendations on this sheet are based upon information gathered at the time of publication and do not act as a safety data sheet. For complete safety and product data, consult the product labels and visit [www.generalfinishes.com](http://www.generalfinishes.com) for complete SDS sheets.

Published March 2020 by General Finishes Corp. East Troy, Wi.

<b>Product Type:</b>	Water-based acrylic/urethane blend
<b>Sheens Available:</b>	Satin (30), Semi-Gloss (55)
<b>Tintable?:</b>	No
<b>Volume Solids:</b>	25%
<b>Weight Solids:</b>	28%
<b>Rec. Film Thickness:</b>	Wet: 3-5 mils Total Dry (multiple coats): 2.5-5 mils
<b>Coverage:</b>	450 sq. ft. per gallon
<b>Viscosity:</b>	Medium (600-800 cPs)
<b>Application:</b>	Recommended for spray application only
<b>Brush:</b>	Synthetic bristle or foam as necessary
<b>Roll:</b>	Short nap or foam as necessary
<b>HVLP:</b>	1.3 mm—1.5 mm
<b>Air-Assist Airless:</b>	1150 PSI pump, 20 PSI assist air, .011" tip
<b>Airless:</b>	Fine Finish .007" - .011"
<b>Dry Time (touch):</b>	30 minutes
<b>Dry Time (recoat):</b>	2 hours
<b>Cure Time:</b>	21 days @ 70°F, 50% humidity
<b>Thin With:</b>	Water, GF Extender, GF Accelerator
<b>Clean Hands w/:</b>	Soap & Water
<b>Clean Equipment w/:</b>	GF Brush & Gun Cleaner
<b>Sizes Available:</b>	Gallons, 5-gallon Pails
<b>VOC:</b>	Under 240 g/L