

GOUDEY

Stain · Lacquer · Finishing Supplies | 1943



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PC Ultra Black PRE-CATALYZED LACQUER

PRODUCT CODES

PCULBLK10 *FLAT*
 PCULBLK20 *EGG SHELL*
 PCULBLK30 *SATIN*
 PCULBLK50 *SEMI-GLOSS*
 PCULBLK90 *GLOSS*

SIZES

4L, 20L



Goudey's black, self-sealing, pre-catalyzed **PC Ultra Black Lacquers** are designed for interior use and offer excellent durability, mar resistance and light stability. They differ from Goudey traditional lacquers primarily by offering chemical curing in addition to the traditional evaporative drying which results in enhanced film hardness and flexibility. This renders a finish of exceptional resistance to water, alcohol, maintenance/cleaning fluids and other household products. The self-sealing nature of these lacquers enables faster turn-around times than Goudey traditional lacquers **saving finishers both time and money.**

PRODUCT ADVANTAGES

- **User Friendly**
- **Excellent Hiding**
- **No Catalyst Required**
- **Chemical and moisture resistance**
- **Self-sealing System**
- **Fast Drying**
- **Meets KCMA Test Requirements**
- **Ultra Durable**

APPROVED COMPANION PRODUCTS	COATING PROPERTIES		DRY TIMES	
850 Vinyl Sanding Sealer	Viscosity(Zahn#2@25°C)	40-50 sec	Air Dry	
788 Lacquer Reducer	Solids Content(wt.)	27-28%	To Touch	8-10 mins
734 Blush Retarder	Solids Content(vol.)	19-20%	To Handle	10-15 mins
897 High Solids Black Primer	Theoretical Coverage	500 sq. ft./gal or 12 sq. M/L@1 mil DFT	To Sand/recoat	30 mins
PC Ultra Lacquer	Specific Gravity	0.99-1.00 gr/cm ³	Force Dry	
	VOC (coating)	682 g/l	Flash	8-10 mins
	VOC (material)	635 g/l	Bake	15 mins @ 70°C
	Dry Film Thickness	1 mil per coat to maximum 3 mils	Cool Down	10 mins
	Pot Life	N/A		
	Shelf Life	6-12 months		
	Storage	Must be kept away from heat or sparks		

APPLICATION INSTRUCTIONS

SUBSTRATE PREPARATION

New Wood:

1. Remove dirt, grease, glue or other contaminants.
2. Ideal substrate moisture content is 7-9%.
3. Sand wood with 150/180 grit sandpaper. Do not use steel wool.
4. Only stain with Goudey solvent, water or alcohol based wiping stains.

Old Wood:

1. Strip old finishes completely and remove all surface contaminants.
2. Make sure surface is dry, sand as required, then follow new wood instructions.

MIXING

1. PC Ultra Black Lacquers do NOT require catalyst. Adding catalyst may cause cracking, haziness, gloss issues and will affect the integrity of the film build.
2. Mix thoroughly by hand or mechanical agitation BEFORE using in order to obtain accurate sheen levels.
3. PC Ultra Black Lacquers are ready to spray. However, they may be thinned 10-20% with Goudey 788 Lacquer Reducer if desired.
4. To slow dry time, reduce 5-20% with Goudey 734 Blush Retarder and to combat the effects of moist or cold air.

APPLICATION

The customer is responsible for following the recommended application procedures. Failure to do so will likely result in unsatisfactory product performance. Always test the complete coating system prior to the start up of production.

1. Seal

Seal with either PC Ultra Lacquers (clear or pigmented) or Goudey 850 Vinyl Sanding or Goudey Primers, 889, 897 as desired. Spray a full wet coat. Let dry for 30 minutes.

Note: When using PC Ultra as a seal coat over highly open-pored woods such as oak or ash, reduce the coating up to 50% to allow better penetration and less air entrapment. Do not use PC Ultra over traditional sealers with stearates or shellac at this may cause an uncontrollable wrinkle effect or hazy look when over coated with a second pass.

2. Sand

Sand with 220-240 grit and remove dust.

3. Topcoat

Spray a full wet coat of PC Ultra Black Lacquer at 3 mils wet.

4. Build

For more build apply 1-2 additional coats and do NOT exceed 4.0 mils DFT for the total system. PC Ultra Black Lacquer can be re-coated after 30 minutes. If re-coating after eight hours, a light scuff sanding is recommended to ensure good inter-coat adhesion. No more than two coats should be applied in one day, allowing for proper setting to take place. Working cure (80%) is achieved within eight to ten hours at 21°C. Full cure takes place in seven days.

PRECAUTIONS

Equipment

PC Ultra Black Lacquers may be applied using most common spray processes, with the exception of air-assist and airless. Hot spray systems are not advised due to the catalytic nature of the material.

Starting point settings are as follows:

Conventional Siphon:

Atomizing Air	45 to 55 psi
Needle	30 to 50%

Conventional Pressure Pot:

Atomizing Air	40 to 50 psi
Pot Air	7 to 12 psi
Needle	20 to 30%

Conventional HVLP:

Atomizing Air	55 to 60 psi
Pot Air	7 to 12 psi
Needle	20 to 30%

Turbine HVLP:

Atomizing Air	75 to 100 psi
Pot Air	7 to 120 psi
Needle	50 to 70%

Containers

PC Ultra Black Lacquers are to be considered as flammable as regular nitrocellulose lacquers and should be handled as such. The catalyst in the lacquer renders it mildly corrosive. These lacquers are supplied in lined containers that must be stainless steel, plastic or acid resistant.

Clean Up

Equipment coated with or containing PC Ultra Black Lacquer should be cleaned immediately after use if it is not going to be used again within eight hours. If leaving equipment for only short periods of time, ensure that all lines remain charged while not in use.

Care and cleaning of this finish

Use a mild dishwashing liquid and a damp cloth to remove food, grease, and other residue. Wipe dry. Do not use cleaners that contain ammonia, bleach, or abrasives as this may damage the finish.

DISCLAIMER These products are designed **for industrial use only**. Goudey views safety as a top priority. Please refer to the Safety Data Sheet for information on the safe use of this product. Values shown are calculated estimates and should not be construed as product specifications. We cannot anticipate all conditions under which this information and our products or the products of other manufacturers in combination with our products may be used. We accept no responsibility for results obtained by the application of this information or the safety and suitability of each such product or product combination for their own purposes. Unless otherwise agreed in writing, we sell the products without warranty, and users assume all responsibility and liability for loss or damage arising from the use of our products whether used alone or a combination with other products. Use of unapproved or reclaimed solvent blends may reduce film properties and is not recommended.