

# GOUDEY

Stain · Lacquer · Finishing Supplies | Since 1943



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## PC Ultra Clear PRE-CATALYZED LACQUER

### PRODUCT CODES

PC Ultra10 *FLAT*  
PC Ultra20 *EGG SHELL*  
PC Ultra30 *SATIN*  
PC Ultra50 *SEMI-GLOSS*  
PC Ultra90 *GLOSS*

### SIZES

4L, 20L



Goudey's clear, self-sealing, pre-catalyzed **PC Ultra 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 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 common 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
- No catalyst required
- Recoat friendly
- Self-sealing system
- Fast drying
- Water white
- Meets KCMA test requirements
- Ultra durable

APPROVED COMPANION PRODUCTS	COATING PROPERTIES		DRY TIMES	
W Series Wiping Stains	Viscosity(Zahn#2@25°C)	30-35 sec	Air Dry	
WB Series Water-Based Wiping Stains	Solids Content(wt.)	26-28%	To Touch	8-10 mins
D Series Non Grain Raising Stains	Solids Content(vol.)	20-22%	To Handle	10-15 mins
850 Vinyl Sanding Sealer	Theoretical Coverage	500 sq. ft./gal or 12 sq. M/L	To Sand/recoat	30 mins
788 Lacquer Reducer	Specific Gravity	0.91-0.92 gr/cm³		
734 Blush Retarder	VOC (coating)	675 g/l	Force Dry	
889 High Solids White Primer	VOC (material)	650 g/l	Flash	8-10 mins
897 High Solids Black Primer	Dry Film Thickness	1 mil per coat to maximum 3 mils	Bake	15 mins @ 70°C
PCULWHT White Pre-Catalyzed Lacquer	Pot Life	N/A	Cool Down	10 mins
PCULBLK Black Pre-Catalyzed Lacquer	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 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 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. Colour

Stain as desired and dry thoroughly.

#### 2. Seal

For a clear coat finish seal with either PC Ultra or Goudey 850 Vinyl Sanding Sealer. For solid coloured topcoats, seal with Goudey 889 or 897 primers. Spray a full wet coat and 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 sterates or shellac as this may cause an uncontrollable wrinkle effect or hazy look when over coated with a second pass.

#### 3. Sand

Sand with 220-320 grit and remove dust.

#### 4. Topcoat

Spray a full wet coat of pre-catalyzed lacquer at 3 mils wet.

#### 5. Build

For more build apply 1-2 additional coats and do NOT exceed 4.0 mils DFT for the total system. PC Ultra 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 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 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 Lacquer should be cleaned immediately after use if it is not going to be used again within eight hours. Clean out with Goudey 788 Lacquer Reducer. 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.