



# 550 PostCat Quick Dry Vinyl Sealer

Sealer	WF13-FSA05
Catalyst	CT02-CSA01

## PRODUCT DESCRIPTION

**550 PostCat Quick Dry Vinyl Sealer** is a fast drying high solids vinyl sealer designed for use under catalyzed top coats where an improvement in moisture resistance is required. This sealer is recommended for use on high quality furniture and other interior wood applications where an appealing clean fresh finish is desired.

## FEATURES

<b>Gloss:</b>	Flat	<b>Drying</b> (1.5 mils dft 77°F, 50% RH)	
<b>Weight Solids:</b>	23±1%		
<b>Volume Solids:</b>	14±1%	To Touch:	15 minutes
<b>Viscosity:</b>	22-26 seconds #4 Ford Cup	To Handle:	20 minutes
<b>Pot Life:</b>	24 Hours	To Sand:	20 Minutes
<b>Recommended Film Thickness:</b>	Mils Wet                      3.0-5.0	To Recoat:	30 Minutes
	Mils Dry                         0.5-0.9	Force Dry:	10 Minutes at 120°F
<b>Spreading Rate:</b> (no application loss)	@ 1 mil dft:                      225 sq ft/gal	Or	5 Minutes at 150°F to sand
<b>Flash Point:</b>	6°F Seta Flash, Closed Cup	Mixing Ratio:	
<b>Package Life:</b>	1 Year, Unopened	WF13-FSA05	1 Part
<b>Cold Check:</b>	Resistance                      15 cycles	CT02-CSA01	3% Catalyst
<b>Air Quality Data:</b>		RS01-CSA01	0-5% Reducer
<b>Material VOC:</b>	207 lb/Gal., 248 g/L		
<b>Coating VOC:</b>	4.5 lb/Gal., 550 g/L		
	An Air Quality Data Sheet is available from your local Tewksbury Technical Coatings facility.		

## BENEFITS

- Excellent moisture resistance
- Good filling properties
- Fast drying
- Compatible with TTC Wiping Stains and Dye Stains
- Low VOC – under 4.44 lbs/gal 532 g/L
- Excellent holdout
- Excellent sanding – powders easily
- Air dry or force dry
- Excellent adhesion to a wide range of bare wood surfaces
- Excellent anti-settling properties
- Versatile – may be applied using conventional, airless, air assisted airless or HVLP spray methods
- Very good edge filling
- Free of lead and chromate hazards
- Designed for use under all TTC catalyzed topcoats
- Meets KCMA performance properties when topcoated with T-Var™ Conversion Varnish
- Ideal for kitchen cabinets, vanities, office furniture, household furniture and a wide array of interior wood products
- May be used as a wash coat when reduced 300-400% with TTC Exempt Solvents
- May be used in the toning and shading process

## FINISHING SYSTEM

**Wood:** (interior only): Must be clean, dry, and finish sanded. Substrate should be free of grease, oil, dirt, fingerprints, and any contamination to ensure optimum adhesion and coating performance properties. Moisture content of wood should be 6 to 8%.

**Testing:** Due to the wide variety of substrates, surface preparation of methods, application methods, and environments, the customer should test the complete system for adhesion and compatibility prior to full-scale application.

**Finishing System:**

1. Apply 1 coat of catalyzed Vinyl Sealer at 3.0-5.0 mils wet. Allow drying for sanding. A second coat of Vinyl Sealer may be applied after sanding if needed for additional filling. Sand again before top coating. If Reduction is desired use 5-10% RS60-CSA00 or RS60-CSA50.
2. Sand with 220-280 grit paper and remove all sanding dust.
3. Topcoat with T-Var™ Conversion Varnish.

SPRAY	CONVENTIONAL	AIR ASSISTED AIRLESS	AIRLESS SPRAY	HEATED SPRAY		
Air Pressure:	40-50 psi	Air Pressure:	10-25 psi	Pressure:	1200-1800 psi	Temperature should not exceed
Fluid Pressure:	6-8 psi	Fluid Pressure:	400-800 psi	Tip:	.011-.015"	105°F
		Cap/Tip:	.011-.015"			

**Cleanup:** Clean tools/equipment immediately after use with TTC Exempt Solvent or TTC Compliant Thinner. Follow manufacturer's safety recommendations when using any solvent.

**PRODUCT LIMITATIONS**

- For interior use only.
- WF13-FSA05 must be catalyzed 3% with Catalyst CT02-CSA01 for cure.
- Paint temperature and air temperature must be above 70°F during application and cure to ensure acceptable coating properties.
- Do not over-catalyze. It may cause cracking, retard drying and shorten working pot life.
- Apply directly to bare, finish sanded wood surfaces only.
- Catalyst CT02-CSA01 is an acid. To prevent acid corrosion and pitting, all equipment should be made of stainless steel or plastic.
- Maximum film thickness of the total system must not exceed 5 mils dry film because heavier films may cause cracking. In surfacer applications, most of the surfacer should be sanded off to get a smooth filled surface.
- Do not exceed 2.0 mils dry film per coat because heavy films will result in slower drying and sanding times.
- Do not use in recirculating systems such as flocoaters or curtain coaters because of accelerated cure due to aeration. Recirculating paint lines are acceptable.
- Working pot life is 24 hours maximum at 70°F. While catalyzed sealer remains a low viscosity liquid beyond 24 hours, it should not be used beyond pot life because a chemical reaction is taking place.
- Sand within four (4) hours of top coating to ensure optimum intercoat adhesion properties.
- Total film thickness of the system must not exceed 5.0 mils dry film. Higher film thicknesses may cause long-term cracking and checking.
- Routed MDF must be pre-sealed with Vinyl Sealer reduced 50-100% prior to using a full body sealer application.

**CAUTIONS**

Thoroughly review product label for safety and cautions prior to using this product. A Material Safety Data Sheet is available from your local Tewksbury Technical Coatings facility. Please direct any questions or comments to your local Tewksbury Technical Coatings facility or call 1-888-Tewksbury.

**LABEL CAUTIONS**

Contents are **FLAMMABLE**. Vapors may cause flash fires. Keep away from heat, sparks, and open flame. During use and until all vapors are gone: Keep area ventilated – Do not smoke – Extinguish all flames, pilot lights, and heaters – Turn off stoves, electric tools and appliances, and any other sources of ignition. SEE CONTENTS STATEMENT ON LABEL. **VAPOR HARMFUL**. Avoid breathing vapor and spray mist. Use only with adequate ventilation. Before initial use, consult OSHA's Standard for Occupational Exposure. A properly fitted, full face respirator effective for particulates, organic solvents or an air supplied respirator must be worn, unless air monitoring demonstrates vapor/mist concentrations are below permissible levels. Follow respirator manufacturer's directions for respirator use. Avoid contact with eyes and skin. Wash hands after using. Keep container closed when not in use. Do not transfer contents to other containers for storage.

**FIRST AID:** If **INHALED:** If affected, removed from exposure. Restore breathing. Keep warm and quiet. If on **SKIN:** wash affected area thoroughly with soap and water. Remove contaminated clothing. Launder before reuse. If in **EYES:** Flush eyes with large amounts of water for 15 minutes. Get medical attention. If **SWALLOWED:** Get medical attention immediately.

**SPILL AND WASTE:** Remove all sources of ignition. Ventilate and remove with inert absorbent. Incinerate in approved facility. Do not incinerate closed container. Dispose of in accordance with Federal, State, and Local regulation regarding pollution.

**DELAYED EFFECTS FROM LONG TERM OVEREXPOSURE.** Contains solvents which can cause permanent brain and nervous system damage. Intentional misuse by deliberately concentrating and inhaling the contents can be harmful or fatal.

This product may be mixed with other components before use. Before opening the packages, **READ AND FOLLOW WARNING LABEL ON ALL COMPONENTS.**

**WARNING:** This product contains chemicals known to the State of California to cause cancer.

**DO NOT TAKE INTERNALLY. KEEP OUT OF THE REACH OF CHILDREN. FOR INDUSTRIAL USE ONLY. SEE MATERIAL SAFETY DATA SHEET.**

**Note:** The information, rating, and opinions stated here pertain to the material currently offered and represent the results of tests believed to be reliable. However, due to variations in customer handling and methods of application, which are not known, or under our control, Tewksbury Technical Coatings cannot make any warranties as to the end result.