

2.1 VOC Glamour Clearcoat PSC-4700

Technical Support: 1.800.526.6704

Product Description PSC-4700™ 2.1 VOC Glamour Clear is a high-solids, 2:1 low VOC premium glamour clearcoat that delivers a superior combination of easy application, durability and high gloss. This 2.1 VOC glamour clear goes on with excellent flow to provide a smooth finish that is easy to buff. Advanced resins complement today's basecoat colors and provide excellent UV resistance and performance for a long-lasting, beautiful finish.

Components



Clear PSC-4700
Activators PCA-453™ (Slow), PCA-452™ (Medium), PCA-451™ (Fast)

Substrates

- Prospray Solvent 3.5 VOC Basecoat
- Prospray H2O Waterborne Basecoat

Surface Preparation



Mask entire vehicle to eliminate unwanted overspray.

Mix Ratio

Refer to "Prospray Activator & Thinner Selection Guide – VOC COMPLIANT" chart.

Clear 2 Parts
Activator 1 Part



Pot Life @ 72°F / 22.2°C



1–3 hours

Viscosity @ 72°F / 22.2°C

18–20 secs #2 Zahn

Gun Set Up



High Efficiency	HVLP
1.2 mm–1.3 mm	1.2 mm–1.3 mm

Air Pressure



High Efficiency	HVLP
15–29 psi	6–10 psi max
@ the gun	@ the cap

NOTE: Refer to individual gun manufacturer for proper spray gun setting.

Application



Two full wet coats. (A third wet coat may be applied if heavy sanding and compounding is desired). Allow 10–15 minutes flash between coats. (Extended dry time when applying third coat).

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Flash / Dry Times @ 72°F / 22.2°C



Air Dry

Flash between coats: 10–15 minutes

Dust free: 30 minutes

Force Dry

Flash before Force Dry: 10 minutes

Cycle Time: 30 minutes @ 140°F/60°C metal temperature.

Handle/Sand & Polish: After full cool down.
(Dry and cure times are dependent on air movement, temperature and film builds.)

Infrared Dry

Refer to the infrared manufacturer's guide for setup recommendations.

Blending

AB-1005-12 may be used to fade out the edge of clearcoat. Please refer to TDSLVBAB1005 for application procedure.

Polishing



Optimum Times:

Sanding:

Compounding:

Air Dry

After 24 hours.

Force Dry

1 hour after cool down.

Use 2000 grit wet or finer. Or use 2000 DA or finer.

Use finishing compound. Apply a thin ribbon of material to the area to be polished. Use a double-sided wool polishing pad or a foam pad. Maintain air polisher or variable speed buffer at 1500–2000 rpm. Remove excess finishing compound with a clean, soft cloth prior to applying finishing polish.

Special Notes / Clean Up



Clean Up Clean equipment after use with a cleaning solvent. Dispose of solvent according to state, local and federal regulations.

Physical Data

VOC (RTS) per U.S. Gal	2.1 lbs (maximum)
Recommended Dry Film Thickness	2.0 mils minimum after sand/polish
Total Solids by Weight (RTS)	42.10%

Health and Safety



For professional use only. KEEP OUT OF REACH OF CHILDREN. WARNING! CONTENTS ARE FLAMMABLE. VAPOR AND SPRAY MIST IS HARMFUL. SKIN AND EYE IRRITANT.

Do not handle the Prospray products until the Material Safety Data Sheets have been read and understood in their entirety. Ensure that all employees are trained on Material Safety Data Sheets and all chemicals with which they come into contact. The manufacturer recommends the use of an air-supplied respirator when exposed to vapors or spray mist. Wear protective clothing, gloves and eye safety with a side shield.

This data sheet information is given in good faith but without warranty. The information contained herein represents the current state of our knowledge and is intended as a guide to our products and their uses; it is not intended for insurance of certain product properties or of their specific applications.

Follow all warnings on product labels.