

9960 Legacy Champion Clear 2.1 VOC



GENERAL INFORMATION

9960 is a medium solids two component polyurethane clearcoat formulated to offer refinishers ease of application, great flow and leveling, superior gloss and excellent distinctness of image in a productive 2K polyurethane clearcoat. 9960 is compliant under current 2.1 VOC regulations in the United States.



1. COMPONENTS

- 9960 Champion Clear 2.1 VOC
- 9730 Fast Activator
- 9740 Medium Activator
- 9750 Slow Activator



2. MIXING RATIO

Mix 4 parts 9960 base with 1 part 9730, 9740, or 9750 by volume. Activator selection should be based on the size of the part to be painted and the temperature of both the air and part at time of painting.



3. POT LIFE @ 77°F (25°C)

When properly covered at 77°F (25°C), 9960 will maintain a sprayable viscosity for 4-6 hours, depending on activator selection.



4. CLEAN UP

Clean spray equipment immediately after use with gun wash solvent.



5. ADDITIVES

ACCELERATOR: N/A

FISHEYE: N/A

FLEX ADDITIVE: Not required

Note: Do not spray when surface temperature is below 50°F (10°C).



5. SURFACE PREPARATION

- Apply Undercoats and Basecoat per manufacturer's instruction. Over OEM or completely cured previously painted substrates scuff with a grey scuff pad or 600 grit then wipe clean with an approved solvent or water-borne wipe.
- Allow basecoat adequate flash time (follow manufacturer's recommendation)
- Follow basecoat manufacturer's recommendation for recoat intervals.



6. SUBSTRATES

- Commercially available acrylic/cab basecoats with a VOC less than 6.6 lbs./gal. (National Rule) or 6.3 lbs./gal. (SCAQMD rule 1151 Group I)
- Properly prepared previously painted substrates



7. APPLICATION

Number of Coats: 3-4
 Application Density: Medium-wet to wet
 Overlap: 50%
 Flash: Follow recommendations in "Dry Time" section

Film Thickness Range:

Dry 1 mil – 6 mils
 Wet 3 mils – 6 mils

Application Conditions:

Minimum Temp 50°F (Substrate Temp.)
 Max Temp 100°F (Substrate Temp.)
 Ambient Humidity Less than 80% preferred



8. FLASH / DRY TIMES

	9730 @ or above 77°F	9740 @ or above 85°F	9750 @ or above 95°F
Flash between coats	10-15 min.	10-15 min.	10-15 min.
Dust Free	15-20 min.	15-20 min.	15-20 min.
Sand/Polish	4-6 hours	4-6 hours	4-6 hours

Force Dry (Conventional Heat)

	9730	9740	9750
Purge Time before applying heat	0 min.	0 min.	0 min.
Force Dry Time	20 min. @ 165°F	20 min. @ 165°F	20 min. @ 165°F
Sand and Buff	After Cool Down	After Cool Down	After Cool Down



9. GUN SET UP CONVENTIONAL

Gravity Feed 1.3 mm - 1.5 mm tip
 Siphon Feed 1.6 mm - 1.8 mm tip
HVLP 1.3 mm - 1.6 mm



AIR PRESSURES Conventional @ Gun

	PANEL	OVERALL
Gravity Feed	35-40 psi	45 psi
Siphon Feed	35-45 psi	45-50 psi
HVLP @ Cap	6-8 psi	9-10 psi



10. PHYSICAL DATA

Density	9.93 lbs/gal (unactivated)
Solids By Weight	35.2 %
Solids By Volume	35.3 %
VOC (Volatile Organic Content)	2.1 lbs/gal
Viscosity	20" Zahn #2
Flash Point	-4° F
Theoretical Coverage	566 F2/gal @ 1 mil thickness