

9950 Legacy 4.2 VOC Champion Clear (for USA Only)



GENERAL INFORMATION

A 2K (two-component) polyurethane clear coat formulated to offer ease of application, great flow and leveling. 4.2-VOC conventional solid polyurethane clearcoat.



1. COMPONENTS

- 9950 Champion Clear 4.2 VOC
- 9730 Activator Fast
- 9740 Activator Medium
- 9750 Activator Slow



2. MIXING RATIO (4:1 by volume)

- Mix four (4) parts 9950 with one (1) part 9730, 9740 or 9750 Activator

For USA VOC compliant rules:

- For USA National Rule compliance use components listed above



3. POT LIFE @ 77°F (25°C)

- 4-6 hours, depending on activator selection



4. CLEAN UP

- Use Valspar reducers (check local regulations)



5. ADDITIVES

- N/A



6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM

- Allow basecoats sufficient dry times
- Over OEM finish P800 or using gray scuff pad



7. TOPCOATS

- N/A



8. TECH NOTES

- N/A



9. SUBSTRATES

- Commercially available solvent based basecoats
- Properly prepared previously painted substrates
- Properly cleaned and sanded OEM finishes



10. APPLICATION

Number of Coats	3
Application Density	Medium-wet to wet
Overlap	50%
Flash	Allow each coat to become non stringing before applying next coat
Film Thickness Range	
Dry	2.0 mil - 3.0 mils/50 - 75 µm
Application Conditions	
Min. Temp	50°F/10°C (Substrate Temp.)
Max. Temp	100°F/38°C (Substrate Temp.)
Ambient Humidity	Less than 80% preferred

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



11. FLASH / DRY TIMES

Ambient Application (Reported at 77°F/25°C and 80% Humidity)

	9730 @ or above 77°F/25°C	9740 @ or above 85°F/30°C	9750 @ or above 95°F/35°C
Flash between coats	5-10 minutes	5-10 minutes	5-10 minutes
Dust Free	10-15 minutes	10-15 minutes	10-15 minutes
Sand/Polish	4-6 hours	4-6 hours	4-6 hours

Force Dry (Convection Heat)

	9730	9740	9750
Purge Time before applying heat	20 minutes	20 minutes	20 minutes
Force Dry Time	20 minutes @ 165°F/75°C	20 minutes @ 165°F/75°C	20 minutes @ 165°F/75°C
Sand and Buff	After Cool Down	After Cool Down	After Cool Down



12. INFRARED CURE

- N/A



13. GUN SET UP



CONVENTIONAL	
Gravity Feed	1.3 mm - 1.4 mm
Siphon Feed	1.4 mm - 1.6 mm
HVLP	
Gravity Feed	1.3 mm - 1.5 mm

AIR PRESSURES

Conventional @ Gun	
Gravity Feed	30-40 psi (2.0-2.8 bar)
Siphon Feed	35-50 psi (2.5-3.4 bar)
HVLP Inlet Air	30 psi (2.0 bar)
See spray gun manufacturer info	



14. PHYSICAL DATA

SEE PAGE 2



14. PHYSICAL DATA (Continued) FOR USA (US National Rule)

RTS REGULATORY DATA:	4:1	
	(No Reduction)	
	LBS./GAL	g/L
Actual VOC	4.0 Max.	480 Max.
Regulatory VOC (less water and exempt solvents)	4.2 Max.	505 Max.
Density	7 - 10	840 - 1200
	WT.%	VOL.%
Total Solids Content	40 - 45	32 - 36
Total Volatile Content	55 - 60	64 - 68
Water	0	0
Exempt Compound Content	5 - 15	5 - 15
Coating Category	Clearcoat	

NOTE: US Regulations allow for the use of exempt compounds for VOC calculations.

NOTES

If used as instructed, this product is designed to comply with the US National Volatile Organic Compound (VOC) Emission Standard for Automobile Refinish Coatings. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.