

9960 Legacy 2.1 VOC Champion Clear



GENERAL INFORMATION

A two-component (2K) polyurethane clearcoat formulated to offer ease of application, great flow and leveling. 2.1-VOC conventional solid polyurethane clearcoat.



1. COMPONENTS

• 9960 Champion Clear 2.1 VOC

• 9730 Activator Fast
• 9740 Activator Medium
• 9750 Activator Slow



2. MIXING RATIO (4:1 by volume)

 Mix four (4) parts 9960 with one (1) part 9730, 9740 or 9750 Activator by volume

For USA/Canada VOC compliant rules:

• For 2.1 VOC compliance use components listed above



3. POT LIFE @ 77°F (25°C)

• 4-6 hours, depending on activator selection



4. CLEAN UP

Use Valspar exempt 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	Follow recommendations in "Flash/Dry Times" section
Film Thickness Range	
Dry	2.0 mil - 3.0 mils/50 - 75 μm



10. APPLICATION (continued)

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	10-15 minutes	10-15 minutes	10-15 minutes
Dust Free	15-20 minutes	15-20 minutes	15-20 minutes
Sand/Polish	4-6 hours	4-6 hours	4-6 hours

Force Dry (Convection Heat)

	9730	9740	9750
Purge Time before applying heat	0 minutes	0 minutes	0 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
J	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

If used as instructed, this product is designed to comply with VOC standards in low-VOC jurisdictions. 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 producy, or a refund of its purchase price, at our option.



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14. PHYSICAL DATA (Continued)

FOR USA/Canada (2.1 LBS./GAL Compliance):

	4:1	
RTS REGULATORY DATA:	(No Reduction)	
	LBS./GAL	g/L
Actual VOC	1.0 Max.	125 Max.
Regulatory VOC (less water and exempt solvents)	2.1 Max.	250 Max.
Density	8 - 10	960 - 1200
	WT.%	VOL.%
Total Solids Content	32 - 37	32 - 37
Total Volatile Content	63 - 68	63 - 68
Water Content	0	0
Exempt Compound Content	50 - 55	50 - 55
Coating Category	Clearcoat	

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

FOR REST-OF-WORLD (outside US and Canada):

	4:1	
RTS REGULATORY DATA:	(No Reduction)	
	LBS./GAL	g/L
VOC	6.2 Max	744 Max
Density	8 - 10	960 - 1200
	WT%	VOL%
Total Solids Content	32 - 37	32 - 37
Total Volatile Content	63 - 68	63 - 68
Water	0	0
Coating Category	Clearcoat	

NOTES

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