



GENERAL INFORMATION

Valspar Low VOC system provides an environmentally friendly and economical solvent solution using our trademark Clean Air® formula technology while maintaining the consistent quality that Valspar is known for. LVCC300 is a Low VOC medium solids (MS) Acrylic Polyurethane Clear designed for ease of use. LVCC300 offers excellent durability with good flow and high gloss.



1. COMPONENTS

- LVCC300 Low VOC Clearcoat
- LVAA500 Low VOC Activator
- LVPA400 Low VOC Production Additive
- 171 Reducer Fast
- 172 Reducer Medium
- 173 Reducer Slow
- 174 Reducer Very Slow
- 171HP Reducer High Performance Fast
- 172HP Reducer High Performance Medium
- 173HP Reducer High Performance Slow
- 174HP Reducer High Performance Very Slow



2. MIXING RATIO

CONVENTIONAL APPLICATION - 4:1:0-10%

- Mix four (4) parts LVCC300 to one (1) part LVAA500 Activator (4:1)
- May be reduced up to 2 ½ ounces per sprayable quart (0 – 10%) with 170 or 170HP Series Reducers

AIR DRY APPLICATION - 4:1:10%

- Mix four (4) parts LVCC300 to one (1) part LVAA500 Activator and add 10% LVPA400 Low VOC Production Additive

For USA/Canada VOC compliant rules:

- For 2.1 VOC compliance use components listed above



3. POT LIFE @ 77°F (25°C)

CONVENTIONAL APPLICATION:

- 30-60 minutes

AIR DRY APPLICATION:

- 30-60 minutes



4. CLEAN UP

- Use Valspar Refinish Reducers listed above (check local regulations)



5. ADDITIVES

- LVPA400 Low VOC Production Additive



6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM ONLY

- Allow basecoats sufficient dry times



OEM BLEND AREAS

Option 1:

- Clean blend area with Valspar 170 Aqua Clean
- Scuff blend area with gray scuff pad and sanding paste
- Sanding paste must be thoroughly washed away
- Reclean blend area with Valspar 170 Aqua Clean prior to topcoating

Option 2:

- Clean blend area with Valspar 170 Aqua Clean
- Sand blend areas with P800 - P1000 grit paper, for hard to reach areas scuff with gray scuff pad
- Reclean blend area with Valspar 170 Aqua Clean prior to topcoating

NOTE: Option 1 and 2 the OEM Blend area must be scuffed or sanded completely dull

7. TOPCOATS

- N/A



8. TECH NOTES

- N/A



9. SUBSTRATES

- LVBR100 Low VOC Basecoat
- 999 Series Basecoat
- Properly cleaned and sanded OEM finishes



10. APPLICATION

- Spray two (2) wet coats allowing each coat to become non stringing before applying the next coat



11. FLASH / DRY TIMES

AIR DRY 4:1:10% LVPA400 @ 77°F (25°C)	
Flash between coats	Not Stringing
Dust Free	20 minutes.
Sand and Buff	3-4 hours

FORCE CURE	
Flash between coats	Not Stringing
Flash before Force Dry	10 minutes
Cure Schedule	15-20 minutes @ 140°F-150°F (60°C-65°C)
Sand and Buff	After Cool Down



12. INFRARED CURE

- See Infrared Curing Information



13. GUN SET UP

CONVENTIONAL GUN	
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	30-35 psi (2.0-2.5 bar)
Siphon Feed	35-45 psi (2.0-3.1 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 product, or a refund of its purchase price, at our option.



14. PHYSICAL DATA

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

RTS REGULATORY DATA:	4:1:0-10%	
	(170 or 170HP Series Reducers)	
	LBS./GAL	g/L
Actual VOC	1.25 Max.	150 Max.
Regulatory VOC (less water and exempt solvents)	2.1 Max.	250 Max.
Density	8 - 10	960 - 1200
	WT.%	VOL.%
Total Solids Content	40 - 44	40 - 44
Total Volatile Content	56 - 60	56 - 60
Water	0	0
Exempt Compound Content	45 - 55	40 - 50
Coating Category	Clearcoat	

NOTE: Values reflect use with and without optional additives.
US/Canadian Regulations allow for the use of exempt compounds for VOC calculations.

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

RTS REGULATORY DATA:	4:1:0-10%	
	(170 or 170HP Series Reducers)	
	LBS./GAL	g/L
VOC	5.8 Max	700 Max
Density	8 - 10	960 - 1200
	WT%	VOL%
Total Solids Content	40 - 44	40 - 44
Total Volatile Content	56 - 60	56 - 60
Water	0	0
Coating Category	Clearcoat	

NOTES

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