



GENERAL INFORMATION

An air dry clearcoat which dries rapidly without any baking required. This clear coat offers wet-on-wet application, with no flash time required between coats. It is easy to spray with superior flow and leveling and delivers a fantastic appearance.



1. COMPONENTS

- AD4221 Air Cure Clear Low VOC
- LVAA500 Low VOC Activator
- 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 (4:1:0-5%)

- Mix four (4) parts AD4221 Air Cure Clear Low VOC with one (1) part LVAA500 Low VOC Activator
- May be reduced up to 5% with 170 or 170HP Series Reducers



3. POT LIFE @ 77°F (25°C)

- Sprayable: 60 minutes with reducers listed above



4. CLEAN UP

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



5. ADDITIVES

- N/A



6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM

- Allow basecoats sufficient dry times
- Over OEM finishes sand finish dull with P800 or gray scuff pad



7. TOPCOATS

- N/A



8. TECH NOTES

- N/A



9. SUBSTRATES

- Valspar Refinish Basecoats
- Degreased and sanded OEM or 2K finishes



10. APPLICATION

- Ready to Spray: Less than 15 seconds
- Spray two (2) full wet coats
- No flash between coats
- Recommended Dry Film Thickness 1.8-2.2 mils (46-56 μm)



11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash between coats	None
Out-of-Dust	10 minutes
Nib Sand and Buff	30 minutes

NOTE: Dry times may vary due to temperature, humidity, film thickness and airflow.



12. INFRARED CURE

- N/A



13. GUN SET UP



CONVENTIONAL GUN	
Gravity Feed	1.3 mm - 1.4 mm
HVLP	
HVLP/LVLP	1.3 mm - 1.4 mm

AIR PRESSURES

Conventional @ Gun	
Gravity Feed	25-27 psi (1.7-1.9 bar)
HVLP/LVLP Inlet Air	30 psi (2.0 bar)
See spray gun manufacturer info	



14. PHYSICAL DATA

FOR USA (Low VOC 2.1 LBS./GAL Compliance):

RTS REGULATORY DATA	4:1:0-5% (170HP Series Reducers)	
	LBS./GAL.	g/L
	Actual VOC	1.15 Max.
Regulatory VOC (less water and exempt solvents)	2.1 Max.	250 Max.
Density	8.5 - 9.5	1020 - 1140
	WT.%	VOL.%
Total Solids Content	35 - 40	33 - 38
Total Volatile Content	60 - 65	62 - 67
Water	0	0
Exempt Compound Content	45 - 55	45 - 55
Coating Category	Clearcoat	

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



14. PHYSICAL DATA

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If used as instructed, this product is designed to comply with Volatile Organic Compound (VOC) Emission Standards in Low VOC jurisdictions, 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.



14. PHYSICAL DATA (continued)
FOR REST-OF-WORLD (outside US and Canada):

RTS REGULATORY DATA:	4:1:0-5%	
	(170 or 170HP Series Reducers)	
	LBS./GAL	g/L
VOC	6.1 Max.	735 Max.
Density	8.5 - 9.5	1020 - 1140
	WT%	VOL%
Total Solids Content	35 -40	33 - 38
Total Volatile Content	60 - 65	62 - 67
Water	0	0
Coating Category	Clearcoat	

NOTES

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