

AD4200 Air Cure Clear



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. Multiple hardener speeds are available to tailor the clearcoat to your project and conditions.



1. COMPONENTS

AD4200 Air Cure Clear
HPC420 Air Cure Activator Medium
HPC400 Air Cure Activator Slow
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 AD4200 Air Cure Cléar with one (1) part Air Cure Activators

• 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 Valpsar Refinish Reducers listed above (check local regulations)



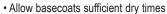
5. ADDITIVES

N/A



6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM



Over OEM finishes sand finish dull with P800 or gray scuff pad



• 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

н		
	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 (National Rule/4.2 LBS./GAL Compliance):

RTS REGULATORY DATA	4:1:0-5%	
	(170HP Series Reducers)	
	LBS./GAL.	g/L
Actual VOC	3.3 Max.	400 Max.
Regulatory VOC (less water and exempt solvents)	4.2 Max.	500 Max.
Density	7 - 9	840 - 1080
	WT.%	VOL.%
Total Solids Content	35 - 40	30 - 35
Total Volatile Content	60 - 65	65 - 70
Water	0	0
Exempt Compound Content	20 - 30	20 - 30
Coating Category	Clearcoat	

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

14. PHYSICAL DATA

SEE PAGE 2

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 APARTICULAR USE OR FREEDOM FROM PATENTINFRINGEMENT. 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.



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

· orritation or restrict (outside of and outside).				
	4:1:0-5%			
RTS REGULATORY DATA:	(170 or 170HP Series Reducers)			
	LBS./GAL	g/L		
VOC	5.3 Max.	640 Max.		
Density	7 - 9	840 - 1080		
	WT%	VOL%		
Total Solids Content	35 - 40	30 - 35		
Total Volatile Content	60 - 65	65 - 70		
Water	0	0		
Coating Category	Clearcoat			

NOTES

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