valspar
REFINISH

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 Clear 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 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 (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

Revised 30 May 2014

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	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