

AD4221 Air Cure Clear Low VOC



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 Cléar 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 Valpsar Refinish Reducers listed above (check local regulations)



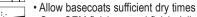
5. ADDITIVES

• N/A



6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM



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

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):

| | 4:1:0-5% | |
|---|-------------------------|-------------|
| RTS REGULATORY DATA | (170HP Series Reducers) | |
| | LBS./GAL. | g/L |
| Actual VOC | 1.15 Max. | 138 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 SEE PAGE 2

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 informations 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):

| | 4:1:0-5% | |
|------------------------|--------------------------------|-------------|
| RTS REGULATORY DATA: | (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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