

# AC2100 Low VOC MS Clearcoat



### GENERAL INFORMATION

A Low VOC medium-solids (MS), 2K (two-component) polyurethane clearcoat formulated to offer ease of application, very good flow and leveling, excellent durability, very good gloss and good distinctness of image.



### 1. COMPONENTS

AC2100 Low VOC MS Clearcoat
HPC0 Activator Slow
HPC1 Activator Standard
HPC2 Activator Fast



HPC3

# 2. MIXING RATIO (4:1 by volume)

• Mix four (4) parts AC2100 with one (1) part HPC Activators

Activator Very Fast

#### For USA/Canada VOC compliant rules:

• For 2.1 VOC compliance use components listed above



# 3. POT LIFE @ 77°F (25°C)

 When properly covered at 77<sup>o</sup>F (25<sup>o</sup>C), AC2100 will maintain a sprayable viscosity for at least from 3-4 hours depending on activator selection



### 4. CLEAN UP

• Use Valspar Refinish exempt reducers (check local regulations)



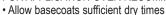
### 5. ADDITIVES

N/A



# 6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM



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



• N/A



# 8. TECH NOTES

N/A



## 9. SUBSTRATES

333 Series Basecoat

- 999 Series Basecoat
- 840 2K Polyurethane Basecoat
- 829 HS Basecoat
- LVBR100 Series
- · Properly cleaned and sanded OEM finishes



# 10. APPLICATION

• Spray two (2) to three (3) medium-wet to wet coats, overlap 75%

 Allow each coat to become not stringing before applying the next coat NOTE: Do not spray when surface temperature is below 50°F (10°C)



# 11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash between coats	Not Stringing
Dust Free	20-25 Minutes

#### Sand and Buff

HPC0 Activated	HPC1 Activated		HPC3 Activated
Overnight	Overnight	4 - 6 Hours	2 - 4 Hours

#### FORCE DRY with HPC0 and HPC1 Activator

Flash before Force Dry	20 Minutes
Force Dry Time	45 Minutes @ 130°F (54°C)
Sand and Buff	After Cool Down

### FORCE DRY with HPC2 and HPC3 Activator

Flash before Force Dry	0 Minutes
Force Dry Time	15-20 Minutes @ 165°F (74°C)



# 12. INFRARED CURE

See Infrared Curing Information



# 13. GUN SET UP



]	CONVENTIONAL GUN	
	Gravity Feed	1.3 mm - 1.5 mm
1	Siphon Feed	1.6 mm - 1.8 mm
	HVLP	
	Gravity Feed	1.3 mm - 1.5 mm

#### **AIR PRESSURES**

Conventional @ Gun		
Gravity Feed	35-40 psi (2.5-2.8 bar)	
Siphon Feed	35-45 psi (2.5-3.1 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.



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# 14. PHYSICAL DATA (Continued) FOR USA/Canada (2.1 LBS./GAL Compliance):

RTS REGULATORY DATA	4:1	
	(No Reduction)	
	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 - 10	960 - 1200
	WT.%	VOL.%
Total Solids Content	32 - 35	32 - 35
Total Volatile Content	65 - 68	65 - 68
Water	0	0
Exempt Compound Content	45 - 55	45 - 55
Coating Category	Clearcoat	

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

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

	4:1	
RTS REGULATORY DATA:	(No Reduction)	
	LBS./GAL	g/L
VOC	6.5 Max	780 Max
Density	8 -10	960 - 1200
	WT%	VOL%
Total Solids Content	32 - 35	32 - 35
Total Volatile Content	65 - 68	65 - 68
Water	0	0
Coating Category	Clearcoat	

**NOTES** 

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