

AC200MS **MS Clearcoat**



GENERAL INFORMATION

A medium-solids (MS), 2K (two-component) acrylic polyurethane clearcoat designed for ease of use; offers excellent durability with good flow and high gloss. National Rule.



1. COMPONENTS

 AC200MS 	Base Component
• HPC0	Activator Slow
• HPC1	Activator Medium
• HPC2	Activator Fast
• HPC3	Activator Very Fast
• 171	Reducer Fast
• 172	Reducer Medium
• 173	Reducer Slow
• 174	Reducer Very Slow

Reducer High Performance Fast • 171HP • 172HP Reducer High Performance Medium • 173HP Reducer High Performance Slow • 174HP Reducer High Performance Very Slow



2. MIXING RATIO (4:1:0-8%)

- Mix four (4) parts AC200MS to one (1) part HPC Series Activators
- May be reduced up to 8% with 170 or 170HP Series Reducers



3. POT LIFE @ 77°F (25°C)

• Two (2) hours with activator



4. CLEAN UP

Use Valpsar Refinish Reducers listed above (check local regulations)



5. ADDITIVES

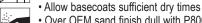
- ACCELERATOR: T566 up to 2% (max) <u>DO NOT USE IF HPC2 OR</u> HPC3 IS USED.
- FISHEYE: T152 Fisheye Eliminator max 1%

NOTE: Do not spray when surface temperature is below 50°F (10°C)



6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM



Over OEM sand finish dull with P800 or gray scuff pad





8. TECH NOTES



9. SUBSTRATES

- 333 Series Basecoat
- 999 Series Basecoat
- LVB Series Base Coat (National Rule Areas Only)
- · Properly cleaned and sanded OEM finishes



10. APPLICATION

- · Spray one (1) medium wet coat followed by one (1) full wet coat
- · Allow each coat to become non stringing before applying the next



11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash between coats	Not Stringing
Dust Free	20-25 Minutes

Sand and Buff

HPC0	HPC1	HPC2	HPC3
Activated	Activated	Activated	Activated
Overnight	Overnight	4 - 6 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 - 1.4 mm
	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



AC200MS MS Clearcoat



14. PHYSICAL DATA (continued)

FOR USA (National Rule Compliance):

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	4:1:0-8%		
RTS REGULATORY DATA:	TS REGULATORY DATA: (170 or 170HP Se		
	LBS./GAL	g/L	
Actual VOC	4.4 Max	524 Max	
Regulatory VOC (less water and exempt solvents)	4.6 Max	550 Max	
Density	7 - 10	840 - 1200	
	WT%	VOL%	
Total Solids Content	35 - 45	25 - 40	
Total Volatile Content	55 - 65	60 - 75	
Water	0	0	
Exempt Compound Content	5 - 15	5 - 15	
Coating Category	Clearcoat		

NOTE: Values reflect use with and without optional additives. US Regulations allow for the use of exempt compounds for VOC calculations.

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

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	4:1:0-8%		
RTS REGULATORY DATA:	(170 or 170HP Series Reducers)		
	LBS./GAL	g/L	
VOC	4.8 Max	575 Max	
Density	7 -10	840 - 1200	
	WT%	VOL%	
Total Solids Content	35 - 45	25 - 40	
Total Volatile Content	55 - 65	60 - 70	
Water	0	0	
Coating Category	Clearcoat		

NOTE: Values reflect use with and without optional additives.

NOTES