



GENERAL INFORMATION

A versatile, high-solids (HS) polyurethane clearcoat that provides easy application, high durability and the ultimate in gloss and depth. May be mixed as either a spot/panel or overall clear depending upon activator and reducer selection. Offers unsurpassed appearance for premium-quality panel, multi-panel and overall repairs.



1. COMPONENTS

- AC4400 Clearcoat HS
- 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
- X01 Reducer Fast Low VOC
- X02 Reducer Medium Low VOC
- LVBF100 Reducer Fast Low VOC
- LVBM100 Reducer Medium Low VOC
- LVBS100 Reducer Slow Low VOC
- HPC0 Activator Slow
- HPC1 Activator Medium
- HPC2 Activator Fast
- HPC3 Activator Very Fast



2. MIXING RATIO (2:1:1)

- Mix two (2) parts AC4400 Clear with one (1) part HPC Series Activators and reduce with one (1) part solvents or reducers listed above

USA VOC compliant rules:

- For National Rule compliant use 170 or 170HP Series Reducers
- For VOC 3.5 compliant use Low VOC Reducers: X01, X02 or LVB100 Series Reducers



3. POT LIFE @ 77°F (25°C)

	HPC0	HPC1	HPC2	HPC3
Pot Life (Activated)	4 Hours	3 Hours	1 Hour	1 Hour



4. CLEAN UP

- Use Valspar Refinish Reducers listed above (check local regulations)



5. ADDITIVES

- ACCELERATOR: T566 (max 1%)
- FISHEYE: T152 Fisheye Eliminator (max 1%)
- FLEX ADDITIVE: N/A

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



6. SURFACE PREPARATION

FOR APPLICATION OVER RECOMMENDED BASECOAT SYSTEM

- Allow basecoats sufficient dry times
- Over OEM finish sand finish dull with P800 or gray scuff pad



7. TOPCOATS

- N/A



8. TECH NOTES

- N/A



9. SUBSTRATES

- 333 Series
- 840 Series
- 999 Series
- 860 Series
- 862 Series (not for use in the U.S.)
- 555 Series (not for use in the U.S.)
- LVB100 Series
- Properly sanded & cleaned OEM finish



10. APPLICATION

- Spray two (2) wet coats
- Allow each coat to become non stringing before applying the next coat



11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

	HPC0	HPC1	HPC2	HPC3
Flash between coats	15-20 min.	10-20 min.	10-15 min.	5-10 min.
Dust Free	25-30 min.	15-20 min.	10-15 min.	5-10 min.
Sand Buff	Overnight	Overnight	4-6 Hours	2-3 Hours

FORCE DRY

	HPC0	HPC1	HPC2	HPC3
Flash before Force Dry	0 min.	0 min.	0 min.	0 min.
Force Dry Temp.	145°F (63°C)	145°F (63°C)	145°F (63°C)	145°F (63°C)
Force Dry Time	30 min.	30 min.	20 min.	20 min.



12. INFRARED CURE

- See Infrared Curing Information



13. GUN SET UP

CONVENTIONAL GUN	
Gravity Feed	1.4 mm - 1.6 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

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 A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BELIEVE 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.



14. PHYSICAL DATA (Continued)

FOR USA (National Rule/3.5 LBS./GAL Compliance):

RTS REGULATORY DATA	2:1:1		2:1:1	
	(170 or 170HP Series Reducers)		(X01, X02 or LVB100 Series Reducers)	
	LBS./GAL.	g/L	LBS./GAL.	g/L
Actual VOC	4.3 Max.	516 Max.	2.8 Max.	336 Max.
Regulatory VOC (less water and exempt solvents)	4.3 Max.	519 Max.	3.5 Max.	420 Max.
Density	7 - 10	840 - 1200	8 - 10	960 - 1200
	WT. %	VOL. %	WT. %	VOL. %
Total Solids Content	40 - 50	35 - 45	40 - 50	35 - 45
Total Volatile Content	50 - 60	55 - 65	50 - 60	55 - 65
Water	0	0	0	0
Exempt Compound Content	0	0	25 - 35	20 - 30
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):

RTS REGULATORY DATA:	2:1:1	
	(170 or 170HP Series Reducers)	
	LBS./GAL	g/L
VOC	4.3 Max	516 Max
Density	7 -10	840 - 1200
	WT%	VOL%
Total Solids Content	40 - 50	35 - 45
Total Volatile Content	50 - 60	55 - 65
Water	0	0
Coating Category	Clearcoat	

NOTE: Values reflect use with and without optional additives.

NOTES

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