



GENERAL INFORMATION

862 Series is a 2K (two-component) Polyurethane designed for exceptional gloss, hardness, and chemical resistance. This single-stage topcoat provides excellent productivity for spot, panel, and overall repairs.



1. COMPONENTS

- 862 Series Polyurethane Binder
- 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
- 171HP Reducer High Performance Fast
- 172HP Reducer High Performance Medium
- 173HP Reducer High Performance Slow
- 174HP Reducer High Performance Very Slow



2. MIXING RATIO (4:1:0-10%)

- Mix four (4) parts 862 Series Base with one (1) part HPC Series Activators
- 862 may be reduced up to 10% with 170 or 170HP Series Reducers



3. POT LIFE @ 77°F (25°C)

- 3 hours



4. CLEAN UP

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



5. ADDITIVES

- ACCELERATOR: T566 Max. 1% required below 75°F (24°C).
 - FISHEYE: T152 Fisheye Eliminator Max. 1%
 - FLEX ADDITIVE: Not Required
- NOTE:** Do not spray when surface temperature is below 50°F (10°C).



6. SURFACE PREPARATION

USE RECOMMENDED UNDERCOAT SYSTEM FOLLOWING RECOMMENDED PROCEDURES.

- Finish sand with P320-P500 grit wet or dry sandpaper or equivalent.
- Mask all adjacent areas to prevent over spray problems.

7. TOPCOATS

- N/A



8. TECH NOTES

- N/A



9. SUBSTRATES

- Properly prepared previously painted surfaces
- Valspar 2K primers and sealers
- **NOTE:** do not apply over Self Etching Primers



10. APPLICATION

SOLID COLORS:

- Apply one (1) medium wet coat followed by a full second coat allowing 15-30 minutes flash between coats.

METALLIC COLORS:

- Apply one (1) light coat followed by a second medium wet coat allowing 10-20 minutes flash between coats.



11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

Flash Time	10-30 Minutes
Dust Free	15 Minutes
To Sand/Buf	Overnight
To Tape	Overnight
To Deliver	Next Day

FORCE DRY

Flash before Force Dry	20 Minutes
Force Dry Time	30 Minutes @ 140°F (60°C)
To Sand/Buf after Cool Down	1 - 2 Hours



12. INFRARED CURE

See Infrared Curing Information section.



13. GUN SET UP

CONVENTIONAL GUN	
Gravity Feed	1.5 mm - 1.8 mm
Suction Feed	1.6 mm - 1.8 mm
HVLP	
Gravity Feed	1.3 mm - 1.5 mm
Pressure Pot	6 - 10 psi @ Pot (0.4 - 0.7 bar)
Fluid Deliver	14 - 16 oz per minute

AIR PRESSURES

Conventional @ Gun	
Gravity Feed	30-35 psi (2.0-2.5 bar)
Siphon Feed	35-45 psi (2.5-3.6 bar)
HVLP Inlet Air	30 psi (2.0 bar)
See spray gun manufacturer info	



14. PHYSICAL DATA

SEE PAGE 2



14. PHYSICAL DATA

FOR USA (5.0 LBS./GAL Compliance):

RTS REGULATORY DATA:	4:1:0-10%	
	(170 or 170HP Series Reducers)	
	LBS./GAL	g/L
Actual VOC	4.9 Max	595 Max
Regulatory VOC (less water and exempt solvents)	5.0 Max	600 Max
Density	6 - 10	720 - 12000
	WT%	VOL%
Total Solids Content	35 - 55	30 - 50
Total Volatile Content	45 - 65	50 - 70
Water	0	0
Exempt Compound Content	1 - 3	1 - 3
Coating Category	Single-Stage	

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:	4:1:0-10%	
	(170 or 170HP Series Reducers)	
	LBS./GAL	g/L
VOC	4.3 Max	520 Max
Density	6 - 10	720 - 12000
	WT%	VOL%
Total Solids Content	35 - 55	30 - 50
Total Volatile Content	45 - 65	50 - 70
Water	0	0
Coating Category	Single-Stage	

NOTE: Values reflect use with and without optional additives.

NOTES

If used as instructed, this product is designed to comply with 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 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.