



GENERAL INFORMATION

The 870 Urethane Single Stage has excellent distinction of image (D.O.I), providing a high gloss finish with uniform metallic, effect, and solid colors. Ideal for overall repairs and fleet refinishing, with excellent chemical resistance and durability. This new intermix quality cures fast with fewer coats needed for coverage. These features greatly improve customer productivity and deliver a high-quality final appearance.



1. COMPONENTS

- 870 Series Mixed Single Stage Color
- HPC11 Urethane Activator
- 171HP Fast Reducer
- 172HP Medium Reducer
- 173HP Slow Reducer
- 174HP Very Slow Reducer



2. MIXING RATIO (4:1:2)

- Mix four (4) parts 870 Series Single Stage with one (1) part HPC11 Urethane Activator and two (2) parts 171HP – 174HP reducer.



3. Pot Life

- 3 hours at 70°F (21°C)



4. CLEAN UP

- Clean equipment immediately after use (check local regulations)



5. ADDITIVES

- N/A



6. SURFACE PREPARATION

- Surfaces should be prepared using the proper undercoat system following recommended procedures



7. SUBSTRATES

- DTM2001 – DTM2008 DTM Surfacer / Sealer
- OEM Topcoats
- Previously painted surfaces properly prepared



8. APPLICATION

- Apply two (2) to three (3) coats – Gun distance of 6-8 inches.
- Apply an even wet coat, without missed areas
- Allow to flash 8-10 minutes or hand slick before applying second coat. A drop or orientation coat can be used for metallic colors to help achieve uniform metallic orientation.
- Recommended film build is 2.0 – 3.0 mils dry.



9. FLASH/DRY TIMES - AIR DRY @77°F (25°C)

- 30 minutes at 120°F surface temperature
 - Lower surface temp requires longer bake time

• Air Dry

Dust Free	In as little as 30 minutes
To Buff***	In as little as 60 minutes
To Deliver	In as little as 90 minutes

• 100°F Surface Temperature

Dust Free	40 Minutes
To Buff***	Allow to cool 20 min.
To Deliver	Allow to cool 20 min.

• 110°F Surface Temperature

Dust Free	35 Minutes
To Buff***	Allow to cool 20 min.
To Deliver	Allow to cool 20 min.

• 120°F Surface Temperature

Dust Free	30 Minutes
To Buff***	Allow to cool 20 min.
To Deliver	Allow to cool 20 min.



10. BUFFING

- If necessary, a light polishing can be done after 24 hours
- Please note that metallic colors should not be buffed. Buffing of metallic colors will distort the direction of the metallics
- Sanding should be limited to de-nibbing imperfections.



11. NOTES

- If fisheyes are a problem, add ½ ounce of T152 Fisheye Eliminator per sprayable quart.
- Max recoat time between coats is 15-20 minutes.
- Integrating clearcoat – 4 parts ready to spray color to 1 part ready to spray Valspar Refinish clearcoat.
- If desired, clearcoat can be applied after the final coat has flashed hand slick or prior to 12 hours.



12. PERSONAL PROTECTION

- Read label, directions, and SDS before use and refer to SDS for specific information
- Wear NIOSH approved organic vapor respirator when using this product.
- Wear NIOSH approved dust particulate mask when sanding, mixing, or applying this product.
- Keep product, paint, and overspray off the skin. Wear goggles, coveralls, and chemical protective gloves when using this product.
- Visit www.PaintDocs.com for PDS and SDS documents.



13. Physical Data

- Confirm compliance with national, state, and local air quality rules before use.

Regulatory Data:		4:1:2
		173HP Reducer
	lb./gal	g/L
Actual VOC	3.78	453
Regulatory VOC (less water and exempt solvents)	4.33	518
Density	8.44	1011
	WT.%	VOL.%
Total Solids Content	41.6	36.4
Total Volatile Content	58.4	63.6
Water	0.0	0.0
Exempt Compound Content	13.6	12.6
Coating Category	Single Stage	

If used as instructed, this product is designed to comply with Volatile Organic Compound (VOC) 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 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.