



## GENERAL INFORMATION

A 2K (two-component) polyurethane designed for exceptional gloss, hardness and chemical resistance in collision or fleet refinishing applications. This single-stage topcoat provides excellent productivity for spot, panel and overall repairs.



## 1. COMPONENTS

- 852 Series Mixed Color
- HPC0 Activator Slow
- HPC1 Activator Medium
- HPC2 Activator Fast
- HPC3 Activator Very Fast
- HPC007 Activator 3:1 for 852 Series
- 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 852 Series base with one (1) part HPC Series Activators
- 852 may be reduced up to 10% with 170 or 170HP Series Reducers

### OPTIONAL MIXING RATIO FOR USA (3:1:0-10%):

- Mix three (3) parts 852 Series base with one (1) part HPC007 Activator
- 852 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% to mixed paint
  - FISHEYE: T152 Fisheye Eliminator max. 1% per to mixed paint
  - 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



## 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 between coats | 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



## 13. GUN SET UP

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

### AIR PRESSURES

| Conventional @ Gun              | PANEL                   |
|---------------------------------|-------------------------|
| 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

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 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.



**14. PHYSICAL DATA (Continued)**

FOR USA (5.0 LBS./GAL Compliance):

| RTS REGULATORY DATA                             | 4:1:0-10%                      |            | 3:1:0-10% (optional)           |            |
|-------------------------------------------------|--------------------------------|------------|--------------------------------|------------|
|                                                 | (170 or 170HP Series Reducers) |            | (170 or 170HP Series Reducers) |            |
|                                                 | LBS./GAL.                      | g/L        | LBS./GAL.                      | g/L        |
| Actual VOC                                      | 5.0 Max.                       | 600 Max.   | 5.0 Max.                       | 600 Max.   |
| Regulatory VOC (less water and exempt solvents) | 5.0 Max.                       | 600 Max.   | 5.0 Max.                       | 600 Max.   |
| Density                                         | 8 - 10                         | 960 - 1200 | 8 - 10                         | 960 - 1200 |
|                                                 | WT. %                          | VOL. %     | WT. %                          | VOL. %     |
| Total Solids Content                            | 40 - 55                        | 35 - 45    | 40 - 55                        | 35 - 45    |
| Total Volatile Content                          | 45 - 60                        | 55 - 65    | 45 - 60                        | 55 - 65    |
| Water                                           | 0                              | 0          | 0                              | 0          |
| Exempt Compound Content                         | 0 - 5                          | 0 - 5      | 0 - 5                          | 0 - 5      |
| 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                     | 5.0 Max.                       | 600 Max.   |
| Density                 | 8 - 10                         | 960 - 1200 |
|                         | WT. %                          | VOL. %     |
| Total Solids Content    | 40 - 55                        | 35 - 45    |
| Total Volatile Content  | 45 - 60                        | 55 - 65    |
| Water                   | 0                              | 0          |
| Exempt Compound Content | 0 - 5                          | 0 - 5      |
| Coating Category        | Single-Stage                   |            |

**NOTE:** Values reflect use with and without optional additives.

**NOTES**

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