



## GENERAL INFORMATION

CPSVP is a neutral-colored epoxy primer base formulated for excellent adhesion, durability, water and corrosion resistance in a versatile, productive system. CPSVP meets national air quality regulations and may be mixed in either a 2.8 or 3.5 VOC.



## 1. COMPONENTS

- CPSVP Neutral Epoxy Primer
- CPS 1-5 Colorants
- VPC50 Epoxy Activator
- VPC5X Fast Epoxy Activator
- 171 Fast Uni-Solvent - up to 75°F (24°C)
- 172 Medium Uni-Solvent - 75-85°F (24-29°C)
- 173 Slow Uni-Solvent - 85-95°F (29-35°C)
- 174 Very Slow Uni-Solvent - 95°F (35°C) and above
- X01/X02 Fast/Medium Exempt Uni-Solvent



## 2. MIXING RATIO

**Mix three (3) parts CPSVP to one (1) part CPS 1-5.**

**National Rule:** For use as a primer mix four (4) parts tinted CPSVP with one (1) part VPC50 or VPC5X and reduce with one (1) part urethane reducer (170 Series) (4:1:1). When used as a sealer add an additional part of urethane reducer (4:1:2).

**3.5 VOC:** For use as a primer mix four (4) parts tinted CPSVP with one (1) part VPC50 or VPC5X and reduce with one (1) part urethane reducer (170 Series) (4:1:1). When used as a sealer add an additional part X01 or X02 Exempt Uni-Solvent (4:1:1:1).

**2.8 VOC:** For use as a primer mix four (4) parts tinted CPSVP with one (1) part VPC50 or VPC5X and reduce with one (1) part X01 or X02 Exempt Uni-Solvent (4:1:1). When used as a sealer add an additional part of exempt reducer (4:1:2).



## 3. POT LIFE @ 77°F (25°C)

6 Hours



## 4. CLEAN UP

Valspar Refinish 100 Thinner, VL10 Wash Thinner, or X01 Series Uni-Solvent (check local regulations).



## 5. ADDITIVES

ACCELERATOR: DO NOT USE

FISHEYE: N/A

FLEX ADDITIVE: Not Required

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



## 6. SURFACE PREPARATION

- Wash surface with mild detergent and water.
- Rinse and dry surface.
- Wipe surface with 155 Surface Cleaner (steel) or 170 (steel/aluminum) and wipe dry with clean cloth before product flashes.
- Sand and featheredge substrate with 360 grit sandpaper or equivalent.
- Clean surface with 156 Surface Cleaner or 170 and wipe dry with clean cloth before product flashes.



## 7. SUBSTRATES

- Properly cleaned and sanded aluminum, steel, galvanized steel or sand blasted steel



## 7. SUBSTRATES (Continued)

- Properly cleaned and sanded fiberglass and SMC
- Properly cleaned and sanded OEM finishes
- Do Not Apply Over 88G016 or V880



## 8. APPLICATION

Spray one to two medium wet coats allowing 15-20 minutes between coats.



## 9. FLASH / DRY TIMES

**AIR DRY @ 77°F (25°C)**

Flash between coats	15-20 Minutes
To Sand	3-4 Hours
To Topcoat w/VPC50 activator	2 Hours
To Topcoat w/VPC5X activator	30 Minutes

**FORCE DRY @ 140°F (60°C)**

To Topcoat w/VPC50	30 Minutes
To Sand after cool down	60 Minutes
To Topcoat without sanding	24 Hours (max)

## 10. INFRARED CURE

See Infrared Curing Information.



## 11. GUN SET UP

### CONVENTIONAL GUN

Gravity Feed 1.6 mm - 1.8 mm

Siphon Feed 1.6 mm - 2.0 mm

### HVLP

Gravity Feed 1.3 mm - 1.8 mm

### AIR PRESSURES

#### Conventional @ Gun

Gravity Feed

Siphon Feed

#### HVLP @ Cap

#### PANEL

30-40 psi

35-45 psi

6-8 psi

#### OVERALL

35-45 psi

40-50 psi

8-10 psi



## 12. PHYSICAL DATA (4:1:1) Base Color (Reduced with X01)

Density	11.48 lbs./gal. (Average)
VOC	2.58 lbs./gal. (Average)
Weight Solids	66.83% (Average)
Volume Solids	46.30% (Average)
Recommended DFT	1.0 - 6.0 mils.
Flash Point	-4°F

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.