



Refinish

# DuPont™ ChromaSystem™ 69301S™ Basecoat Blender

## Description

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DuPont™ ChromaSystem™ 69301S™ Basecoat Blender is formulated to give improved flake control and color control when blending, especially in light metallic and high metallic containing colors. In addition, DuPont™ ChromaSystem™ 69301S™ will deliver improved edge wetting and improved edge melt-in that will deliver a blend that is virtually undetectable.

## General Information

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### Components

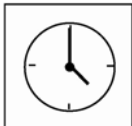
DuPont™ ChromaSystem™ 69301S™ Basecoat Blender

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### Mix Ratio/Viscosity

Refer to section on Application.

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### Pot Life

8 hours when mixed with activated or unactivated ChromaBase® or ChromaPremier® Basecoat.

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## Application

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### Substrates

- Over properly cleaned and sanded OEM finishes.
  - Blend repairs are recommended over DuPont 222S™ Mid-Coat Adhesion Promoter
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### Surface Preparation

- Sand repair area with appropriate grit paper according to ChromaSystem™ Basecoat guidelines.
  - Sand blend area with 1200 grit or finer.
  - Remove sanding residue with DuPont™ Final Klean™ 3901S™, DuPont 3939S™ Lacquer and Enamel Cleaner, or DuPont™ Low VOC Final Klean™ 3909S™.
  - Tack area free of any dust or dirt particles.
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## Gun Setups

### Conventional

Siphon Feed:	1.4 mm - 1.6 mm (.055" - .066")
Gravity Feed:	1.4 mm - 1.6 mm (.055" - .066")

### HVLP

Siphon Feed:	1.6 mm - 1.8 mm (.063" - .070")
Gravity Feed:	1.3 mm - 1.6 mm (.051" - .063")

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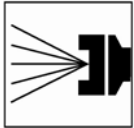
### Tips for Success

The gun setups noted above are the typical setups for ChromaSystem™ Basecoats, for spot repair. For best results on critical blends, use a narrow fan, reduced fluid flow and atomizing air pressure just high enough for sufficient breakup. Gravity and HVLP equipment usually perform better than siphon.



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#### Air Pressure

##### *Conventional*

Siphon Feed: 25 - 30 lbs psi @ the gun.  
 Gravity Feed: 25 - 30 lbs psi @ the gun.

##### *HVLP*

Siphon Feed: 6 - 8 lbs psi @ the cap.  
 Gravity Feed: 6 - 8 lbs psi @ the cap.

#### Application

##### **Option I: Preferred Method (For difficult-to-blend colors)**

- Prior to the repair, prepare a "blender add" by mixing 1 part DuPont™ ChromaSystem™ 69301S™ and 1 part ChromaBase® 175K™ or ChromaPremier® 62330F™.
- Reduce and activate basecoat color as per recommendation for ChromaBase® or ChromaPremier®, substituting DuPont ChromaSystem 69301S™ for the suggested Basemaker®. Spray to hiding over the repair area.
- After hiding is achieved with the base color, mix one part "blender add" and one part ready to spray base color, mix well, and apply several coats blended out past the repair area.

##### **Option II**

- Reduce and activate basecoat color as per recommendation for ChromaBase® or ChromaPremier® color, substituting DuPont™ ChromaSystem™ 69301S™ in place of the suggested Basemaker®.
- Blend as usual, spraying to hiding over the repair area and several coats gradually blended out past the repair area. Lower air pressure usually helps blending.



#### Flash/Dry Times

Flash between Coats 5 - 10 minutes.

##### Air Dry @ 70°F

Flash before Clearcoat: 15 - 30 minutes.  
 Flash before Tape 30 minutes.  
 Flash before Two-Toning: 30 minutes.  
 Maximum Allowable Dry before Clearcoating: 24 hours.

#### Sanding

DuPont™ ChromaSystem™ Basecoats dry to a smooth matte finish and should not require sanding. Nib sanding of small areas to remove dirt must be followed by the application of more color before clearcoating.



#### Cleanup

Clean spray equipment as soon as possible with DuPont Lacquer Thinner.

#### Physical Properties

VOC: 6.9 lbs/gal.  
 Weight Solids: 3.92%.  
 Volume Solids: 2.98%.  
 Gallon Weight: 7.19 pound/usg.



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### VOC Regulated Areas

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These directions refer to the use of products which may be restricted or require special mixing instructions in VOC regulated areas. Follow mixing and usage recommendations in the VOC Compliant Products Chart for your area.

### Safety and Handling

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For industrial use only by professional, trained painters. Not for sale to or use by the general public. Before using, read and follow all label and MSDS precautions. If mixed with other components, mixture will have hazards of all components.

Ready to use paint materials containing isocyanates can cause irritation of the respiratory organs and hypersensitive reactions. Asthma sufferers, those with allergies and anyone with a history of respiratory complaints must not be asked to work with products containing isocyanates.

Do not sand, flame cut, braze or weld dry coating without a NIOSH approved air purifying respirator with particulate filters or appropriate ventilation, and gloves.

Please visit: [www.performancecoatings.dupont.com](http://www.performancecoatings.dupont.com) to view or print an additional copy of this "Technical Product Data" sheet.



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