



DuPont Automotive Finishes

## DuPont ChromaSystem 69301S™ Basecoat Blender

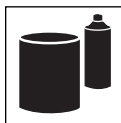
### Description

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

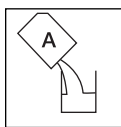
#### Components

DuPont ChromaSystem 69301S™ Basecoat Blender



#### Mixing / Application

Note: DuPont ChromaSystem™ Basecoats can be blended using the usual Basemaker® and appropriate gun technique.



#### Option I

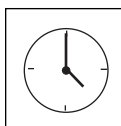
- Reduce and activate basecoat color as per recommendation for ChromaBase® or ChromaPremier® color, substituting DuPont ChromaSystem 69301S™ in place of the suggested Basemaker®.

#### Option II: 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™ Basecoat Binder or ChromaPremier® 62330F™ Balancer.
- Reduce and activate ChromaBase® or ChromaPremier®, substituting DuPont ChromaSystem 69301S™ for the suggested Basemaker®.
- Spray to hiding over the repair area.
- Add equal amounts of prepared “blender add” to the remaining reduced paint, mix well and apply 2-3 coats blended out past the repair area.

#### Pot Life

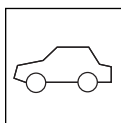
8 hours when mixed with activated or unactivated ChromaBase® or ChromaPremier® Basecoat.



### Application

#### Substrates

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



## DuPont ChromaSystem 69301S™ Basecoat Blender



### 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.



### Gun Setups\*

#### Conventional

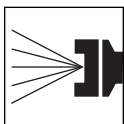
Siphon Feed:	1.4 mm - 1.6 mm (.055" - .066")
Gravity Feed:	1.4 mm - 1.6 mm (.055" - .066")

#### HVLP

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

### 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.



### 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.



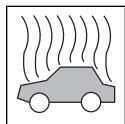
### Application Option I

- 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.

### Option II: 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.

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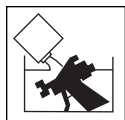


### Flash/Dry Times

Flash between Coats	5 - 10 minutes.
<i>Air Dry @ 70°F</i>	
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: 6.942 lbs/gal.  
 Weight Solids: 3.921%.  
 Volume Solids: 2.98%.  
 Gallon Weight: 7.19 pound/usg.

### VOC Regulated Areas

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

WHEN USED WITH PAINTS REQUIRING ISOCYANATE HARDENERS/ACTIVATORS, WEAR A POSITIVE-PRESSURE, SUPPLIED-AIR RESPIRATOR (NIOSH TC-19C), EYE PROTECTION, GLOVES AND PROTECTIVE CLOTHING WHILE MIXING HARDENER/ACTIVATOR/WITH PAINT, DURING APPLICATION AND UNTIL ALL VAPOR AND SPRAY MIST ARE EXHAUSTED. IF PRODUCT IS USED WITHOUT ISOCYANATE HARDENERS/ACTIVATORS, A PROPERLY FITTED AIR PURIFYING RESPIRATOR WITH ORGANIC VAPOR CARTRIDGES (NIOSH TC-23C) and particulate filter (NIOSH TC-84A) may be used. Follow respirator manufacturer's directions for respirator use. INDIVIDUALS WITH HISTORY OF LUNG OR BREATHING PROBLEMS OR PRIOR REACTION TO ISOCYANATES SHOULD NOT USE OR BE EXPOSED TO VAPOR OR SPRAY MIST IF MIXED WITH ISOCYANATE HARDENERS. Do not permit anyone without protection in the painting area.

