



## Refinish

# DuPont™ ChromaSystem® G9900S™ Super Jet Black Basecoat

### Description

A high-performance, high-productivity, factory packaged basecoat with outstanding jetness. DuPont™ ChromaSystem® G9900S™ combines user-friendliness and ease of application with excellent coverage, along with smooth texture and flow out. DuPont™ ChromaSystem® G9900S™ is extremely jet black, with a blue-black side tone, and delivers superior performance to match high-end OEM blacks.

### General Information



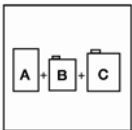
#### Components

DuPont™ G9900S™ Super Jet Black Basecoat  
 ChromaPremier® 12305S™ Activator  
 Basemaker® 7160S™ - Low Temp  
 Basemaker® 7175S™ - Mid Temp  
 Basemaker® 7185S™ - High Temp  
 Basemaker® 7195S™ - Very High Temp

	60° F	70° F	80° F	90° F
Spot Repair	Basemaker® 7160S™	Basemaker® 7175S™	Basemaker® 7175S™	Basemaker® 7185S™
Panel Repair	Basemaker® 7160S™	Basemaker® 7175S™	Basemaker® 7185S™	Basemaker® 7185S™
Overall Repair	Basemaker® 7175S™	Basemaker® 7185S™	Basemaker® 7185S™	Basemaker® 7195S™

#### Tips for Success

- For temperatures above 95°F, use Basemaker® 7195S™ to increase flow and leveling.



#### Mix Ratio/Viscosity

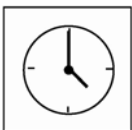
Reduce DuPont™ G9900S™ 75 - 100% with Basemaker®. For optimum performance, DuPont™ G9900S™ should be activated with ChromaPremier® 12305S™ Activator. Mix DuPont™ G9900S™ with Basemaker®, stir thoroughly, then activate: add 1 ounce (31.3 g) of ChromaPremier® 12305S™ to a ready-to-spray quart of color, or ½ ounce (15.6 g) to a ready-to-spray pint.

#### Viscosity

15 - 17 seconds in a Zahn #2 (DuPont M-222) cup.

#### Tips for Success

- Use mixing stick for accurate measurements.
- Use activated basecoat within 2 hours for optimum performance.
- Do not use activated basecoat after the 8-hour pot life.
- Activate only what you intend to spray.



#### Pot Life

Indefinite (unactivated).  
 8 hours (activated).



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#### Additives

Accelerator:	Not recommended.
Fish Eye Eliminator:	Not recommended.
Flex Additive:	Not recommended; see Tips for Success.
Retarder:	Not recommended.

#### *Tips for Success*

- *If fish eyes occur, allow the basecoat to dry thoroughly, then apply dry coats of base color to bridge the affected area.*
- *The use of ChromaPremier® 12305S™ Activator in DuPont™ G9900S™ Super Jet Black is required over flexible substrates. Use 1 ounce of ChromaPremier® 12305S™ Activator per ready-to-spray quart of color. No other flex additive is necessary.*

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#### Tinting

May use up to 10% with MasterTint® Mixing Colors that are 6.0 VOC or below, in ready-to-spray mixture, if desired.

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#### Clearcoats

ChromaPremier® 72200S™, and 72500S™, 72600S™ Clearcoats

ChromaClear® G2-4500S™, G2-4700S™, 7779S™, or HC-7776S™ Clearcoats

#### *Tips for Success*

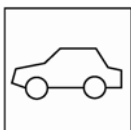
*DuPont™ G9900S™ should be clearcoated after 15 - 30 minutes dry time, depending on shop conditions.*



## Refinish

### DuPont™ ChromaSystem® G9900S™ Super Jet Black Basecoat

#### Application



##### Substrates

- DuPont™ 222S™ Mid-Coat Adhesion Promoter
- Plas-Stick® 2340S™ Flexible Adhesion Sealer
- DuPont™ 2510S™/2540S™/2570S™/2580CR™ DTM Epoxy Primer
- ChromaPremier® 32430S™ Primer (alone or with Plas-Stick® 2350S™ Flexible Additive)
- DuPont™ 4004S™ 2K UltraProductive Primer-Filler (alone or with Plas-Stick® 4150S™ Flex-Additive)
- ChromaPremier® 42400S™/42410S™/42440S™/42470S™ Sealer (alone or with Plas-Stick® 2350S™ Flexible Additive)
- DuPont™ 4904S™ 2K UltraProductive Primer-Filler (alone or with Plas-Stick® 4950S™ Flex-Additive)
- DuPont™ 4910S™/4940S™/4970S™ 2K UltraProductive Primer-Sealer (alone or with Plas-Stick® 4950S™ Flex-Additive)
- DuPont™ ChromaSurfacer® 7704S™ 2K Urethane Primer-Filler (alone or with Plas-Stick® 2350S™ Flexible Additive)
- DuPont™ ChromaSeal® 7710S™/7740S™/7770S™ 2K Urethane ValueShade® Sealer (alone or with Plas-Stick® 2350S™ Flexible Additive)
- DuPont™ A-3130S™ UVA Primer-Surfacer
- Properly sanded OEM finishes

##### Tips for Success

For information on ValueShade®, see the Specialty Procedures section of the DuPont™ ChromaSystem™ Technical Manual.

#### Surface Preparation



- Prepare all surfaces to be repainted using the recommended undercoat systems and procedures.
- Finish sand with P600 grit or finer (dry or wet).
- Mask the entire vehicle to protect from overspray.
- Tack with appropriate tack cloth prior to applying color.

#### Gun Setups\*

##### Conventional

Siphon Feed:	1.4 mm - 1.6 mm (.055" - .063")
Gravity Feed:	1.3 mm - 1.4 mm (.051" - .055")

##### HVLP

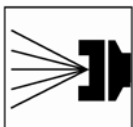
Siphon Feed:	1.4 mm - 1.6 mm (.055" - .063")
Gravity Feed:	1.4 mm - 1.6 mm (.055" - .063")





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#### Air Pressure\*

##### Conventional

	Spot	Panel
Siphon Feed	25 - 35 psi @ the gun	35 - 45 psi @ the gun
Gravity Feed	25 - 35 psi @ the gun	35 - 45 psi @ the gun

##### HVLP

Siphon Feed	6 - 8 psi @ the gun cap	7 - 9 psi @ the gun cap
Gravity Feed	6 - 8 psi @ the gun cap	7 - 9 psi @ the gun cap

\*The listed setups cover the usual range for various application equipment. For information on specific manufacturers' equipment, see the Appendix section titled "Equipment Information"

#### Application

Apply 2 medium coats. (Refer to the Specialty Procedures section for procedures on spot, panel, overall and specialty repairs.)



#### Flash/Dry Times

##### Between Coats

10-15 minutes depending on shop temperature.

##### Dry to Clear

15 - 30 minutes depending on shop temperature.



#### Blending

Apply 1 coat of DuPont™ 222S™ Mid-Coat Adhesion Promoter over the entire repair area. Apply the first coat of DuPont™ G9900S™ beyond the primed area. Apply the second coat just beyond the first coat. Apply subsequent coats as necessary just beyond the previous coats, staying within the area covered by DuPont™ 222S™.

#### Tips for Success

- Tapering out each consecutive coat melts the new color into the old color.
- Use of a slower Basemaker® can improve the appearance of the blend edge.
- For alternate blending techniques, see Special Basecoat Blending Procedures in the Specialty Procedures section.
- Use ChromaSystem® 69301S™ Basecoat Blender for difficult to blend colors, optimal flake control, improved edge wetting and improved melt-in.
- Refer to ChromaSystem® 69301S™ Basecoat Blender Technical Data Sheet in Specialty Procedures section.



#### Recoatability/Re-repair

DuPont™ G9900S™ may be recoated with itself within 24 hours.



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### Sanding

DuPont™ ChromaSystem® G9900S™ Super Jet Black Basecoat color dries to a smooth finish and should not require sanding. Nib sanding of small areas to remove dirt should be followed by the application of more color before clearcoating.

### Tips for Success

*Two-toning: For improving tape time performance, use DuPont™ ChromaSystem® G9900S™ as the secondary color to minimize tape marks.*



### Cleanup

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

### Physical Properties

VOC (less water and exempt solvent):

5.7 lbs/gal as packaged.

5.9 lbs/gal RTS (with Basemaker® 7175S™ and ChromaPremier® 12305S™ Activator).

Recommended Dry Film Thickness: 0.8 – 1.0 mils in 2 coats.

Flash Point: See MSDS

### 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

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.



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