



Refinish

DuPont™ ChromaPremier® 42400S™/ 42410S™/42440S™/42470S™ 2K Premier Sealer

Description

ChromaPremier® 42400S™ /42410S™/42440S™/42470S™ 2K Premier Sealer is a three-component, high-performance sealer for premium-quality spot, panel and overall repairs. It provides excellent leveling and topcoat holdout. For added productivity, this sealer allows you the option of "finesse" finish sanding. This sealer uses DuPont® ValueShade™ technology to promote faster topcoat hiding in fewer coats, and better matches.

General Information



Components

- ChromaPremier® 42400S™ 2K Translucent Sealer
- ChromaPremier® 42410S™ 2K Premier Sealer (White) ValueShade® 1
- ChromaPremier® 42440S™ 2K Premier Sealer (Medium Gray) ValueShade® 4
- ChromaPremier® 42470S™ 2K Premier Sealer (Dark Gray) ValueShade® 7
- ChromaPremier® 12305S™ Activator
- ChromaPremier® 42455S™ Low Temp Reactive Reducer
- ChromaPremier® 42475S™ Mid Temp Reactive Reducer
- ChromaPremier® 42495S™ High Temp Reactive Reducer

ValueShade™ Instructions for Use

Use VS1, VS4 and VS7 as packaged. To create VS2, VS3, VS5, or VS6, mix as shown below. Agitate thoroughly prior to activation.

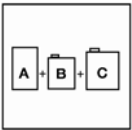
ValueShade®	Mix	Undercoat	Ratio
VS1 (White)	--	ChromaPremier® 42410S™	--
VS2	VS1:VS4	ChromaPremier® 42410S™:42440S™	2:1
VS3	VS1:VS4	ChromaPremier® 42410S™:42440S™	1:2
VS4 (Medium Gray)	--	ChromaPremier® 42440S™	--
VS5	VS4:VS7	ChromaPremier® 42440S™:42470S™	2:1
VS6	VS4:VS7	ChromaPremier® 42440S™:42470S™	1:2
VS7 (Dark Gray)	--	ChromaPremier® 42470S™	--

After creating the desired ValueShade® activate and reduce.



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Mix Ratio

Combine the components by column or weight, and then mix thoroughly.

	Volume	Weight cumulative qt.)
ChromaPremier® 42400S™ Sealer	4	703.5 grams
ChromaPremier® 12305S™ Activator	1	851.0 grams
ChromaPremier® 42475S™ Reducer	1.5	1052.1 grams
ChromaPremier® 42410S™/42440S™/42470S™ Sealer	4	896.4 grams
ChromaPremier® 12305S™ Activator	1	1050.4 grams
ChromaPremier® 42475S™ Reducer	1.5	1251.6 grams

Viscosity

18-22 seconds in a Zahn #2 (DuPont M-222) cup

Tips for Success

It is critical to use the full amount of Reactive Reducer to ensure product performance.

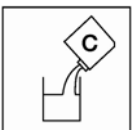


Pot Life

1 hour at 70° F (21 ° C).

Additives

Accelerator:	Not recommended
Fish Eye Eliminator:	Not recommended
Retarder:	Not recommended
Flex Additive:	Plas-Stick® 2350S™ Flexible Additive



Undercoats	Volume	Weight (cum. pt.)
ChromaPremier® 42400S™	3	264.0 g
ChromaPremier® 12305S™	1	337.0 g
ChromaPremier® 42475S™	1.5	438.0 g
Plas-Stick® 2350S™	1	508.0 g
ChromaPremier® 42410S™	3	385.3 g
ChromaPremier® 12305S™	1	462.2 g
ChromaPremier® 42475S™	1.5	562.6 g
Plas-Stick® 2350S™	1	633.1 g
ChromaPremier® 42440S™	3	335.1 g
ChromaPremier® 12305S™	1	412.0 g
ChromaPremier® 42475S™	1.5	512.4 g
Plas-Stick® 2350S™	1	582.9 g
ChromaPremier® 42470S™	3	336.7 g
ChromaPremier® 12305S™	1	413.6 g
ChromaPremier® 42475S™	1.5	514.0 g
Plas-Stick® 2350S™	1	584.5 g



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Tinting

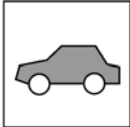
Ready to spray ChromaPremier® 42400S™ can be tinted up to 10% by volume with DuPont™ MasterTint®

Tips for Success

Keep film Builds to a minimum on flexible parts.

Topcoats

ChromaPremier® Basecoat
ChromaPremier® Single Stage
ChromaBase® Basecoat
ChromaOne® Single Stage



Application

Substrates

Properly sanded OEM finishes and OEM replacement parts
Direct to Variprime® 615S™
Properly sanded DuPont Uro® 1120S™/1140S™ Primer-Filler
Direct to DuPont™ 1101S™/1104S™/1107S™ 2K Urethane Primer-Filler
Direct to ChromaPremier® 22860S™ Etch Primer
Direct to ChromaPremier® 32430S™ 2K Premier Primer
Fiberglass, SMC



Tips for Success

ChromaPremier® Sealer is not intended for use direct to metal, except for minor styling line cut-throughs.

Surface Preparation

For Painted Substrates

- Clean Painted surfaces thoroughly with mild detergent and water.
- For substrates other than unprimed plastic or fiberglass, wipe surface with DuPont™ 3900S™ First Klean™, Prep-Sol® 3919S™ or DuPont™ 3949S™ Kwik Clean. For unprimed plastic or fiberglass, wipe with Plas-Stick® 2320S™ (polyolefin or nonpolycarbonate) or 2319S™ (polycarbonate) Plastics Cleaner.
- Repair and primes areas as required.
- Finish sanding substrate with a minimum of P400 DA grit dry or P600 grit wet.
- For substrates other than plastic or fiberglass, remove sanding sludge with DuPont™ Final Klean™ 3901S™, DuPont™ 3939S™ Lacquer and Enamel Cleaner, or DuPont™ Low VOC 3909S™ Final Klean™. For unprimed plastic or fiberglass, use Plas-Stick® 2320™ (polyolefin or nonpolycarbonate) or 2319S™ (polycarbonate) Plastics Cleaner.
- Apply 2 medium coats of Variprime® 615S™ or Variprime® 625S™ Lean- and Chromate-Free or ChromaPremier® 22860S™ Etch Primer to large areas of bare steel. For aluminum, treat with DuPont™ 225S™ followed by DuPont™ 226S™ and apply 1 coat of Variprime®.



For OEM Replacement E-Coated Parts

- Clean surface thoroughly with mild detergent and water.
- Thoroughly clean with DuPont™ 3901S™, DuPont 3939S™ Lacquer and Enamel cleaner and a scuff pad.
- Remove all sludge with the above cleaners before sealing.
- Apply 2 medium coats of Variprime® 615S™ or Variprime® 625S™ Lean- and Chromate-Free or ChromaPremier® 22860S™ Etch Primer to large areas of bare steel. For aluminum, treat with DuPont™ 225S™ followed by DuPont™ 226S™ and apply 1 coat of Variprime®.



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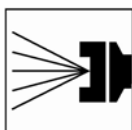
Gun Setups*

Conventional

Siphon Feed: 1.6 mm - 1.8 mm (.063" - .070")
 Gravity Feed: 1.5 mm - 1.8 mm (.059" - .070")

HVLP

Siphon Feed: 1.2 mm - 1.8 mm (.047" - .070")
 Gravity Feed: 1.2 mm - 1.8 mm (.047" - .070")



Air Pressure*

Conventional

	Panel	Overall
Siphon Feed:	30 - 45 psi @ the gun.	40 - 45 psi @ the gun.
Gravity Feed:	25 - 35 psi @ the gun.	35 - 40 psi @ the gun.

HVLP

Siphon Feed:	6 - 8 psi @ the gun cap.	8 - 10 psi @ the gun cap.
Gravity Feed:	6 - 8 psi @ the gun cap.	8 - 10 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 1 medium-wet coat.

Tips for Success

Normally, only 1 coat of seal is needed. However, for sensitive substrates (e.g., LDL or OEM delaminations) 2 coats can provide better holdout.

Flash/Dry Times @ 70°F (21C)



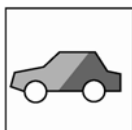
	1 Coat	2 coats
Flash between Coats	N/A.	15 minutes.
<i>Air Dry @ 70°F</i>		
Nib Sanding	15 - 30 minutes.	30 - 40 minutes.
Top coating:	20 - 30 minutes.	30 - 40 minutes.
<i>Force Dry</i>		
Flash before Force Dry:	0 - 10 minutes.	0 - 10 minutes.
Cycle Time:	10 minutes @ 140°F (60°C).	15 minutes @140° F (60°C).
Cool Down:	20 minutes.	20 minutes.
<i>Infrared Dry</i>	Refer to the Infrared Guide for setup recommendations.	

Tips for Success

Cooler temperatures or more coats will require longer flash times.

Recoatibility/Re-repair

When recoating *ChroamPremier*® Sealer with itself, sanding (P400DA or P500 grit dry or wet) is required if the sealer has been allowed to dry more than 16 hours.





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Cleanup

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

Physical Properties

VOC:	4.6 lbs/gal ready-to-spray.
Theoretical Coverage:	621 sq. ft. per ready-to-spray gallon at 1 mil.
Weight Solids:	58.7% ready-to-spray.
Volume Solids:	38.7% ready-to-spray.
Dry Film Thickness:	0.8-1.2 mils in 1 coat.
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 usage and 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.

Please visit: www.performancecoatings.DuPont.com to view or print an addition copy of this "Technical Product Data" sheet.



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