



CHROMABASE® BASECOAT



GENERAL

DESCRIPTION

A solventborne basecoat designed for spot, panel and overall repairs. It features best-in-class metallic flake control for outstanding blending performance and reliable quality for basecoat repairs in solid, metallic, pearl and special-effect colors.

The products referenced herein may not be available for sale in your market. Please consult your distributor for product availability.



MIXING

ChromaBase® Basecoat Color (K Quality)
 7160S™ / 7175S™ / 7185S™ / 7195S™ Basemaker
 ChromaPremier® Pro 14304S™ / 14305S™ / 14306S™ Activator
 ChromaBase® "4 to 1" 7765S™ / 7775S™ / 7785S™ / 7795S™ Activator-Reducer
 ChromaPremier® 12305S™ Activator

	60°F (16°C)	70°F (21°C)	80°F (27°C)	90°F (32°C)
Spot Repair	7160S™	7175S™	7175S™	7185S™
Panel Repair	7160S™	7175S™	7185S™	7185S™
Overall Repair	7175S™	7185S™	7185S™	7195S™

Tips for Success

Use 7195S™ Basemaker in temperatures above 90°F (32°C) to increased flow and leveling.

MIX RATIO

Component	Volume
ChromaBase® Basecoat Color (K Quality)	1
7160S™ / 7175S™ / 7185S™ / 7195S™ Basemaker	1

Stir thoroughly, then activate as follows:

RTS Color	14305S™ / 77X5S Activator
1 quart	1 oz. (32 grams)
1 pint	½ oz. (16 grams)
½ pint	¼ oz. (8 grams)

ChromaBase® Basecoat should be activated with 14305S™ Activator for optimum performance and for lifetime warranty.

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.

VISCOSITY

15-17 seconds in a Zahn #2 cup

POT LIFE

Indefinite (unactivated)
 8 hours (activated)

ADDITIVES

Accelerator: Not recommended
 Fish Eye Eliminator: Not recommended



Flex Additive: Not required (See Tips for Success)
 Retarder: Not recommended

Tips for Success

- If fish eyes occur, allow the basecoat to dry thoroughly and then apply dry coats of base color to bridge the affected area.
- The use of ChromaPremier® Pro 14305S™ Activator in ChromaBase® (1 oz. of ChromaPremier® Pro 14305S™ per RTS quart of basecoat) is required over flexible substrates. No other flex additive is necessary.
- Do not add Accelerator to activated basecoat. It will not speed cure and could damage film properties.

TINTING

Up to 5% with MasterTint® mixing colors that are 6.0 VOC or below.

CLEARCOATS

- ChromaPremier® Pro 74500S™ Productive Clearcoat
- ChromaPremier® Pro 74700S™ Productive Express Clearcoat
- ChromaPremier® 72200S™ Productive Clearcoat
- ChromaPremier® 72500S™ Premium Appearance Clearcoat
- ChromaBase® "4 to 1" HC-7776S™ Snap Dry Clearcoat
- ChromaClear® 7400S™ Non-Stop Clearcoat
- ChromaClear® 7900S™ Multi-Use Clearcoat
- ChromaClear® G2-4500S™ Ultra Productive Baking Clearcoat
- ChromaClear® G2-4700S™ Ultra Productive Air Dry Clearcoat
- ChromaBase® "4 to 1" G2-7779S™ Panel and Overall Clearcoat
- Plas-Stick® 2370S™ Flexible Matted Clearcoat
- Cromax® LE LE5100S™ Multi-Panel Clearcoat
- Cromax® LE LE5400S™ Snap Dry Clearcoat
- Cromax® LE LE5600S™ Air Dry Productive Clearcoat
- Cromax® Premier LE LE8300S™ Productive Clearcoat
- Cromax® Premier LE LE8700S™ Premium Appearance Clearcoat



APPLICATION

SUBSTRATES

- 222S™ Midcoat Adhesion Promoter
- Plas-Stick® 2340S™ Flexible Adhesion Sealer
- 2510S™ / 2540S™ / 2570S™ / 2580CR™ LF Epoxy DTM Primer
- ChromaPremier® Pro 33430S™ Productive Primer Sealer
- 4004S™ Ultra Productive 2K Primer Filler
- ChromaPremier® 42400S™ / 42410S™ / 42440S™ / 42470S™ / 2K Premier Sealer
- ChromaBase® "4 to 1" 7701S™ / 7704S™ / 7707S™ 2K Urethane Primer Filler
- ChromaBase® "4 to 1" 7710S™ / 7740S™ / 7770S™ 2K Urethane Sealer
- LE3130S™ and A-3130S™ UVA Primer Surfacer
- Cromax® LE LE3004S™ 2K Primer Surfer - National Rule
- Cromax® LE3010S™ / LE3040S™ / LE3070S™ 2K Primer Sealer - National Rule
- Properly sanded OEM finishes

SURFACE PREPARATION

Prepare all surfaces to be repainted using the recommended undercoat systems, following recommended procedures. Finish sand with P400 DA grit paper or finer (dry or wet).

GUN SETUPS*

Compliant
 Siphon Feed: 1.4 mm-1.6 mm
 Gravity Feed: 1.4 mm-1.5 mm

HVLP
 Siphon Feed: 1.4 mm-1.6 mm
 Gravity Feed: 1.4 mm-1.6 mm



Refer to the manufacturer's directions for gun specific recommendations

AIR PRESSURE

Compliant	Spot/Panel	Overall
Siphon Feed:	30-40 psi at the gun	45 psi at the gun
Gravity Feed:	25-35 psi at the gun	35-45 psi at the gun
HVLP	6-8 psi at the gun cap	7-9 psi at the gun

APPLICATION

Apply 2-3 medium coats until hiding and color match are achieved. Flash 5-10 minutes between coats.

BLENDED

Apply 1 coat of 222S™ Midcoat Adhesion Promoter over the entire repair area. Apply the first coat of color beyond the primed area. Apply the second coat just beyond the first coat. Apply subsequent coats just beyond the previous coats, staying within the area covered by 222S™ Midcoat Adhesion Promoter. Follow recommended flash times and then apply clearcoat over the entire panel.

Tips for Success

- Tapering out each consecutive coat to melt the new color into the old color.
- For alternate blending techniques, refer to the Specialty Basecoat Blending Procedures.
- Use 69301S™ Basecoat Blender for difficult to blend colors, optimal flake control, improved edge wetting and improved melt-in. Refer to 69301S™ Basecoat Blender Technical Data Sheet for complete details.



DRY TIMES

AIR DRY

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

FORCE DRY

Not recommended

RECOATABILITY/RE-REPAIR

ChromaBase® Basecoat may be recoated with itself within 24 hours.

SANDING

ChromaBase® Basecoat dries to a smooth matte finish and should not be sanded. Nib sanding of small areas to remove dirt must be followed by the application of more color before clearcoating.

CLEANUP

Clean spray equipment immediately after use with lacquer thinner.



PHYSICAL PROPERTIES

All Values Ready To Spray

Max. VOC (LE):	6.2 lbs./gal (743 g/L)
Max. VOC (AP):	6.0 lbs./gal (722 g/L)
Avg. Gal. Wt.:	7.32 lbs./gal (877 g/L)
Avg. Wt.% Volatiles:	83.7%
Avg. Wt.% Exempt Solvent:	10.3%
Avg. Wt.% Water:	0.0%



Avg. Vol.% Exempt Solvent:	11.4%
Avg. Vol.% Water:	0.0%
Flash Point:	See MSDS/SDS
Recommended Dry Film Thickness:	0.5-2.0 mils

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.

Revised: March 2016

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