CHROMAPREMIER® BASECOAT

GENERAL

DESCRIPTION
A solventborne basecoat designed for premium spot, panel and overall repairs. It is high-hiding and lays down smoothly with trouble-free application and excellent mottle control. It delivers superior appearance in solid, metallic, pearl and special-effect ChromaLusion® Colors.

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

MIXING

COMPONENTS
ChromaPremier® Basecoat (F 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

MIX RATIO

<table>
<thead>
<tr>
<th>Component</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>ChromaPremier® Basecoat</td>
<td>1</td>
</tr>
<tr>
<td>Basemaker</td>
<td>1</td>
</tr>
</tbody>
</table>

Stir thoroughly, then activate as follows. ChromaPremier® Basecoat must be activated with an activator listed in the component section.

<table>
<thead>
<tr>
<th>RTS Color</th>
<th>Volume</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 quart</td>
<td>1 ounce (32 grams)</td>
</tr>
<tr>
<td>½ pint</td>
<td>½ ounce (16 grams)</td>
</tr>
<tr>
<td>¼ pint</td>
<td>¼ ounce (8 grams)</td>
</tr>
</tbody>
</table>

Tips for Success
For spray-sensitive colors, select a slower Basemaker for improved application and appearance.

Tips for Success
ChromaPremier® Basecoat may be reduced at a 2:1 ratio when faster coverage is desired. Note: Be sure to activate the RTS basecoat at the normal 1 ounce of Activator per RTS quart of color before application.

VISCOSITY
15-17 seconds in a Zahn #2.

TIPS FOR SUCCESS
- 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
8 hours at 70° F (21° C)

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, and then apply dry coats of base color to bridge the affected area.
• The use of activator in ChromaPremier® Basecoat is mandatory. The recommended 1 ounce of ChromaPremier® 14305S™ per RTS quart of basecoat gives optimum performance over flexible substrates. No other flex additive is necessary.

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
ChromaBase® "4 to 1" G2-7779S™ Panel and Overall Clearcoat
ChromaClear® G2-4500S™ Ultra Productive Baking Clearcoat
ChromaClear® G2-4700S™ Ultra Productive Air Dry 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® Pro LE LE8300S™ Productive Clearcoat
Cromax® Pro LE LE8700S™ Premium Appearance Clearcoat

APPLICATION

SUBSTRATES
222S™ Midcoat Adhesion Promoter
Plas-Stick® 2340S™ Flexible Adhesion Sealer
2580CR™ / 2510S™ / 2540S™ / 2570S™ 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
Cromax® LE LE3004S™ 2K Primer Surfacer – National Rule
Cromax® LE LE3010S™ / LE3040S™ / LE3070S™ 2K Primer Sealer – National Rule
Plas-Stick® 2350S™ Flexible Additive
LE3130S™ and A-3130S™ UVA Primer Surfacer
Properly sanded OEM finishes

SURFACE PREPARATION
• Prepare all surfaces to be repainted using the recommended undercoat systems and procedures.
• Finish sand with P400 DA, 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**

<table>
<thead>
<tr>
<th>Compliant</th>
<th>Spot/Panel</th>
<th>Overall</th>
</tr>
</thead>
<tbody>
<tr>
<td>Siphon Feed:</td>
<td>1.3 mm-1.5 mm</td>
<td>1.4 mm-1.6 mm</td>
</tr>
<tr>
<td>Gravity Feed:</td>
<td>1.3 mm-1.5 mm</td>
<td>1.4 mm-1.6 mm</td>
</tr>
</tbody>
</table>

**HVLP**

| Siphon Feed:  | 1.3 mm-1.5 mm | 1.4 mm-1.6 mm |
| Gravity Feed: | 1.3 mm-1.5 mm | 1.4 mm-1.6 mm |

**AIR PRESSURE**

<table>
<thead>
<tr>
<th>Compliant</th>
<th>35-45 psi at the gun</th>
</tr>
</thead>
<tbody>
<tr>
<td>HVLP</td>
<td>6-8 psi at the gun cap</td>
</tr>
</tbody>
</table>

Refer to the manufacturer’s directions for gun specific recommendations.

**APPLICATION**

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

**BLENDING**

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**

- Taper out each consecutive coat to melt the new color into the old color.
- Use of a slower Basemaker can improve the appearance of the blend edge.

Use 69301S™ Basecoat Blender for difficult to blend colors, optimal flake control, improved edge wetting and improved melt-in.

**DRY TIMES**

**AIR DRY AT 70°F (21°C)**

- 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

**Tips for Success**

Extend the basecoat flash to the full 30 minutes for higher film builds or in cooler temperatures.

**RECOATABILITY/RE-PREPAIR**

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

**SANDING**

ChromaPremier® Basecoat dries 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 immediately after use with lacquer thinner.
PHYSICAL PROPERTIES
All Values Ready To Spray

Max. VOC (LE): 6.3 lbs./gal (752 g/L)
Max. VOC (AP): 6.3 lbs./gal (752 g/L)
Avg. Gal. Wt.: 7.40 lbs./gal (887 g/L)
Avg. Wt.% Volatiles: 81.9%
Avg. Wt.% Exempt Solvent: 7.8%
Avg. Wt.% Water: 0.0%
Avg. Vol.% Exempt Solvent: 8.7%
Avg. Vol.% Water: 0.0%
Recommended Dry Film Thickness: 0.5 – 1.5 mils.
Flash Point: See SDS

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