



CHROMAPREMIER® SINGLE STAGE TOPCOAT



GENERAL

DESCRIPTION

A solventborne, solid colors only single-stage topcoat designed for spot, panel and overall repairs in a downdraft, force-dry conditions. It combines high-build, high-gloss, premium finish with productivity and user-friendliness single-stage finishes in a downdraft, force-dry environment.

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



MIXING

COMPONENTS

ChromaPremier® Single Stage Topcoat (N Quality)
ChromaPremier® V-12305S™ Mid-Temp Activator
ChromaPremier® V-12307S™ High-Temp Activator
V-1075S™ Low VOC Reducer

MIX RATIO

Components	Volume
ChromaPremier® Topcoat-"N" Quality	3
V-12305S™ / V-12307S™	1
V-1075S™ Low VOC Reducer	5-10%

Tips for Success

- Up to 5-10% of the ChromaSystem® V-1075S™ Reducer may be added if desired to increase flow and leveling.
- Use a mixing stick for accurate measurement.

VISCOSITY

18-20 seconds in a Zahn #2.

POT LIFE

- 1½-2 hours at 70° F (21°C)
- Note: When using ChromaSystem® V-389S™ Accelerator, pot life is reduced to 1 hour at 70°F (21°C).

ADDITIVES

Accelerator:	Add ¼-½ oz. MasterTint® V-389S™ Accelerator per RTS quart
Fish Eye Eliminator:	Add ¼-½ oz. V-459S™ Additive per RTS quart
Flex Additive:	Add 2 oz. Plas-Stick® V-2350S™ Flexible Additive per RTS quart
Retarder:	Not recommended

Tips for Success

MasterTint® V-389S™ Accelerator should be used in ChromaPremier® Single Stage Topcoat (N Quality) for spot and panel repairs. It is not recommended for overall repairs.

TINTING

ChromaPremier® Single Stage Topcoat (N Quality) may be tinted up to 5% with MasterTint® mixing colors that are 3.5 VOC or below.



FLATTENERS FOR LOW GLOSS COATINGS

Plas-Stick® 2360S Flexible Matting Additive

Typical 60° gloss reading of 99N™ black: 20 gloss units - add 80% flattener

BASECOAT

ChromaPremier® Basecoat

ChromaBase® Basecoat



APPLICATION

SUBSTRATES

222S™ Midcoat Adhesion Promoter

Plas-Stick® 2340S™ Flexible Adhesion Sealer

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

Compliant

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

HVLP

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

AIR PRESSURE

Compliant

Gravity Feed: 30-35 psi at the gun.

HVLP

Gravity Feed: 8-10 psi at the gun cap.

The listed setups cover the ranges for standard application equipment.

APPLICATION

Apply 2-3 coats until hiding and desired appearance is achieved. Spray each coat to achieve flow. If additional flow and leveling is desired, add 5-10% of V-1075S™ Low VOC Reducer. Flash 15 minutes between coats.

Tips for Success

Allow each coat to flash a full 15 minutes.



DRY TIMES

FORCE DRY

Flash before Force Dry:	0-10 minutes
Force Dry Cycle Time:	30 minutes at 140°F (60°C)
Dust Free:	At cool down
Time to Handle (Assemble):	1 hour after cool down
Time to Polish:	1 hour after cool down
Time to Stripe:	1 hour after cool down
Time to Deliver:	4-6 hours after cool down
Two-Toning:	1 hour after cool down

INFRARED DRYING

Refer to the Infrared Guide for setup recommendations.



BLENDING

- Panel repair is the approved procedure for clearcoat warranty repairs. This allows the refinisher to attain the recommended film builds. If the refinisher chooses to blend, use 19301S™ Clearcoat Blender.
- After the final coat of single stage, step out the repair by mixing 1 part 19301S™ Clearcoat Blender to 1 part of the remaining clearcoat, and taper the blend with the resulting mixture.
- Place 19301S™ Clearcoat Blender in a clean spray gun and taper the blend edge for final melt-in of the blended edge.

RECOATABILITY/RE-REPAIR

ChromaPremier® Single Stage Topcoat (N Quality) may be recoated during any stage of dry or cure. If recoating after 24 hours, scuff sand with P600 grit or finer.

CLEANUP

Clean spray equipment immediately after use with a compliant Gun & Equipment cleaning solvent



SANDING, COMPOUNDING, POLISHING

SANDING

Use 1500 grit wet or finer or use a foam interface pad with P1500 DA or finer.

Note: Use caution when sanding or polishing. Cutting too deeply into the film may cause a color ring effect. This can be repaired only by applying another coat of color over the sanded areas.

COMPOUNDING

- Apply a thin ribbon of rubbing compound to the area that was sanded or contains sand scratches.
- Maintain air polisher or variable speed buffer at 1800-3000 rpm. Remove excess finishing compound with a clean soft cloth prior to applying finishing polish.
- Use a wool pad and an effective rubbing compound.
- (Less favorable: Foam pad and 3M Extra Cut Perfect-it III rubbing compound. A foam pad will not remove sand scratches as easily.)

POLISHING

- Apply a ribbon of polishing material to the area to be polished.
- Maintain a variable speed buffer or an orbital polisher at 1200-1800 rpm.
- Use a foam pad and an effective polishing compound. Keep the polisher/buffer moving at all time.
- Overlap each pass approximately 50%. As finishing polish begins to dry, stop polishing.
- Wipe off excess finishing polish with a clean soft cloth.
- Hand buff with a clean soft cloth as finishing touch.

Tips for Success

- The high gloss of ChromaPremier® Single Stage Topcoat (N Quality) eliminates the need for clearcoating. However, if a clearcoat is desired to simplify cutting and polishing, apply an approved Cromax® clearcoat over ChromaPremier® Single Stage Topcoat (N Quality) repair out to the panel edge.
- Always use clean water to wet sand and add a few drops of soap to help clear the paper.
- Do not use medium- to heavy-duty compounds.
- Use clean cloths and pads to insure that the clearcoat does not get scratched with dirt particles from old or re-used cloths or pads.
- Do no wax for the first 120 days after painting.



PHYSICAL PROPERTIES

VOC:	3.5 lbs./gallon (maximum) RTS
Theoretical Coverage:	700-850 sq. ft. per RTS gallon at 1 mil.
Weight Solids:	50-65% RTS
Volume Solids:	43-52% RTS
Recommended Dry Film Thickness:	2.2-2.5 mils in 2 coats
Flash Point:	See MSDS/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/SDS 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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1.800.668.6945
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