CHROMACLEAR®
7900S™ MULTI-USE CLEARCOAT

GENERAL

DESCRIPTION
A two-component, urethane clearcoat designed for spot, panel and overall repairs. It provides easy application and good build in two coats and is well suited for cross-flow and downdraft booth conditions.

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

MIXING

COMPONENTS
ChromaClear® 7900S™ Multi-Use Clearcoat
7975S™ Activator-Reducer Fast
7985S™ Activator-Reducer Medium
7995S™ Activator-Reducer Slow

	65°F (18°C)	**75°F** (24°C)	**85°F** (29°C)	**95°F** (35°C)
Spot	7975S™	7975S™	7985S™	7995S™
Multi-Panel	7975S™	7985S™	7995S™	7995S™
Overall	7985S™	7995S™	7995S™	7995S™

MIX RATIO/VISCOSITY
Combine the components by volume (3:1) or mix as per Colornet® weight formula and stir thoroughly.

VISCOSITY
15-17 seconds in a Zahn #2 cup.

POT LIFE
2 hours at 70°F (21°F)
Note: Pot life is reduced to 1 hour at 70°F (21°C) when using ChromaSystem™ V-389S™ Accelerator.

ADDITIVES
Accelerator
- Add ½ ounce V-389S™ per RTS quart
- Use of accelerator under force dry conditions may result in dieback

Fish Eye Eliminator
- Add ¼ - ½ oz. V-459S™ per RTS quart

Enhancer
- Add up to 2 oz. 19379S™ per RTS quart

Flex Additive
- Add 1-2 oz. Plas-Stick® V-2350S™ Flexible Additive per RTS quart

APPLICATION

SUBSTRATES
ChromaPremier® Basecoat
ChromaBase® Basecoat
Cromax® EZ Basecoat
222S™ Midcoat Adhesion Promoter for blend areas
Properly prepared OEM topcoat

SURFACE PREPARATION
For application over a properly prepared basecoat repair:
1. Mask the entire vehicle to protect from overspray.
2. Refer to and follow basecoat TDS procedures.
3. Extend basecoat dry time to 30 minutes when applying several base color coats, and/or in cooler shop conditions.

GUN SETUPS*

Approved Transfer Efficiency	1.3mm-1.4mm
HVLP	1.3mm-1.4mm

AIR PRESSURE*

Approved Transfer Efficiency	26-28 psi
HVLP	8-10 psi at the cap

Note: Refer to the manufacturer's directions for gun specific recommendations.

APPLICATION
1. Apply 2 medium-wet coats.
2. Flash 10 minutes between coats.

DRY TIMES

AIR DRY

Dust Free:	15-20 minutes
Time to Handle (Assemble):	Overnight
Time to Polish:	Overnight
Time to Stripe:	Overnight
Time to Deliver:	Overnight
Time to Decal:	After 72 hours

FORCE DRY

Flash before Force Dry:	Not required
Dust Free:	At cool down
Cycle Time:	30 minutes at 140°F (60°C)
Target Metal Temperature:	130°F (54°C) for 18 minutes
Time to Handle (Assemble):	After cool down
Time to Polish:	2-3 hours after cool down
Time to Stripe:	2-3 hours after cool down
Time to Deliver:	2-3 hours after cool down
Time to Decal:	24-72 hours

INFRARED
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 clearcoat, step-out the coating by mixing 1 part 19301S™ Clearcoat Blender to 1 part of the remaining material 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.

Tip for Success
For sail panel blending, be sure 222S™ Midcoat Adhesion Promoter is applied beyond the intended clearcoat area.

RECOATABILITY/RE-REPAIR
ChromaClear® 7900S™ Multi-Use Clearcoat may be recoated during any stage of dry or cure. If recoating after 24 hours, scuff sand with 1200-1500 grit.

CLEANUP
Clean spray equipment as soon as possible with lacquer thinner.

POLISHING
- Sand with P1500 or finer and polish following the manufacturer's recommended procedures.
- Do not wax for the first 120 days after painting

PHYSICAL PROPERTIES

All Values Ready To Spray

Max. VOC (LE):	513 g/L (4.3 lbs./gal)
Max. VOC (AP):	453 g/L (3.8 lbs./gal)
Avg. Gal. Wt.:	968 g/L (8.08 lbs./gal)
Avg. Wt.% Volatiles:	55.7%
Avg. Wt.% Exempt Solvent:	10.7%
Avg. Wt.% Water:	0.0%
Avg. Vol.% Exempt Solvent:	12.6%
Avg. Vol.% Water:	0.0%
Theoretical Coverage:	598 sq. ft. per RTS gallon at 1 mil
Recommended Dry Film Thickness:	1.8-2.2 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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