



DuPont™ A-3130S™ UVA Primer-Surfacer

Description

DuPont Performance Coatings A-3130S™ UVA Primer-Surfacer was developed for ultra fast spot repair processes. A-3130S™ can be applied direct to metal with a very smooth surface and it dries quickly under low intensity UV lamps. The entire coating is fully cured on exposure and it can be sanded immediately on cooling. Several steps are reduced or eliminated with these advancements. The result is a UV primer with application and handling characteristics well suited to the needs of the collision repair technician.

General Information

Components

DuPont™ A-3130S™ UVA Primer-Surfacer

Mix Ratio

Ready-to-spray.

Additives

None required

Sealers

4910S™/4940S™/4970S™ 2K UltraProductive Primer-Sealer
2510S™/2540S™/2570S™/2580CR™ Epoxy DTM Primer-Sealer
ChromaPremier® 42410S™/42440S™/42470S™ Sealer

Topcoats

ChromaPremier® Basecoat/ChromaClear®
ChromaPremier® Single Stage
ChromaBase® Basecoat/ChromaClear®
ChromaOne® Single Stage

Application

For small spot repair, 8" X 8" or smaller.

Substrates

Direct to steel, galvanized steel and aluminum. Direct to pre-treated metals. Refer to the ChromaSystem® manual for the correct metal pre-treatment.
Properly prepared plastic OEM finishes and OEM replacement parts.
Compatible with DuPont™ ChromaPremier® 22860S™ Etch Primer.
Not recommended direct to Variprime® 615S™/625S™ Self-Etching Primer.



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Surface Preparation



- Clean painted surfaces thoroughly with mild detergent and water.
- For substrates other than unprimed plastic or fiberglass, wipe surface using DuPont™ Sontara® wipe PS-3909S™, Sontara® wipe PS-3970S™, Sontara® wipe PS-3990S™, First Klean® 3900S™, Prep-Sol® 3919S™ or Kwik Clean® 3949S™.
- Refer to the ChromaSystem® Technical Manual for procedures to prepare plastic or fiberglass parts.
- Finish sanding substrate using chart below as a guide.



Sand and featheredge according to the following minimum grit recommendations:

Steel:	P180 grit.
Aluminum:	P240 grit
Galvanized:	P320 grit.
E-coat:	P320 grit.
Cured paint:	P320 grit.
OEM featheredge:	P180 grit followed by P240 grit.
Body filler:	P180 grit.
2K putty:	P180-P240 grit.
SMC/fiberglass:	P180-P240 grit.



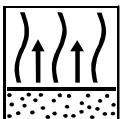
Remove sanding sludge with DuPont™ Sontara® wipe PS3909S™, Final Klean® 3901S™, Final Klean® 3909S™ or 3939S™ Lacquer and Enamel Cleaner.

Sand beyond the area to be primed with P320 grit or finer to ensure good adhesion at the thin edge of the primer.



Application:

Shake the aerosol for 2 minutes after the mixing marble inside is heard and spray to test application. Apply 2 to 3 coats with a 1 minute flash between coats.



Flash/Dry Times

Flash between Coats:	1 minute [75 F]
Flash before UV Cure:	2 minutes [75F]
Sanding:	Immediately on cooling.
Top Coating:	Immediately after sanding and cleaning process.

UV Cure

Wait 2 minutes after application of the last coat before UV curing.

The exposure time required to obtain proper UV cure depends on many factors; light source type, lamp power, reflector design, lamp distance to the surface, ambient temperature, part temperature, etc..

Some 400 Watt UVA units can cure the primer with 30 seconds UV exposure at 77 °F at a distance of 10 inches. At 60 °F, the same lamp will require 90 second cure. A longer cure time is not harmful to the product so long as the surface does not exceed 200 °F. Your local Dupont rep can help set up the proper exposure conditions.

Cool before sanding.

Be sure to follow all instructions for use provided by the equipment manufacturer due to potential safety and related hazards of working with UV light lamps. Wear the proper personal protective equipment during use.





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Tips for Success:

Many UV light sources designed for use in bodyshops are capable of curing repairs 8 inches by 8 inches in area or less.

Do not spray to hiding because the coating thickness will far exceed 6 mils and it will not cure at a satisfactory rate.

Recoatibility/Re-repair

Sanding of the UV cured primer is required when recoating DuPont A-3130S™ UVA Primer-Surfacer with itself.



Sanding

Prior to sealing or topcoating: P400 grit DA, P500 grit hand or P600 grit wet.

Physical Properties

VOC: 43%

VOC LE: 4.3 lbs/gal ready-to-spray.

VOC AP 3.5 lbs/gal

Theoretical Coverage: 373 sq. feet per gallon at 1 mil.

Weight Solids: 42.2% ready-to-spray.

Volume Solids: 23.3% ready-to-spray.

Recommended Dry Film Thickness: 3 - 5 mils in 2 to 3 coats.

Flash Point: See MSDS.

VOC Regulated Areas

These directions refer to the use of products which may be restricted in VOC regulated areas. Follow usage recommendations in the VOC Compliant Products Chart for your area.

Safety and Handling

Before using any DuPont Refinish product, be sure to read all safety directions and warnings. WEAR A PROPERLY FITTED AIR PURIFYING RESPIRATOR with organic vapor cartridges (NIOSH approved TC-23C) and particulate filter (NIOSH TC-84A), eye protection, gloves and protective clothing during application and until all vapors and spray mists are exhausted. In confined spaces, or in situations where continuous spray operations are typical, or if proper air purifying respirator fit is not possible, wear a positive-pressure, supplied air respirator (NIOSH TC-19). In all cases follow respirator manufacturer's directions for respirator use. Do not permit anyone without protection in the painting area. This product is intended for industrial use only by professional, trained painters.

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