

UV Primer Collection

SUA1080/SXA1081

The ONECHOICE® UV Primer Collection provides access to an entire suite of products to complete quick and professional small surface repairs with the ease and efficiency of UV processing that can be over coated with any PPG refinish topcoat.

The SUA1080 Primer Surfacer (Aerosol) uses technology that allows you to sand the primer surfacer just two minute after application.

The SXA1081 UV Primer Cleaner also comes in an aerosol and removes the residue left after curing.

Additionally as part of our *OneChoice* UV Primer Collection we are proud to offer the following:

- DEXUVL UV LED Light
- SAS5346 UV Protective Glasses
- SAS66518 (L) 6 mil UV Protective Gloves
- SAS66519 (XL) 6 mil UV Protective Gloves
- DEX500 Timer with magnet

All items are available individually



Features & Benefits

- Ideal for rapid repair process
- Aerosol Packaged
- 2 minute cure
- Ready to use
- Maximum productivity
- Labor savings
- Increased vehicle throughput

Compatible Surfaces

- Properly cleaned and sanded steel, aluminum, fiberglass and galvanized steel.
- Cured and sanded OEM finishes (except lacquer)
- Cured and sanded refinish topcoat systems.
- Polyester Body Fillers
- All properly prepared rigid and semi-rigid plastic except PE and Polystyrene

Compatible Products

- ENVIROBASE® High Performance Waterborne Basecoat Systems
- AQUABASE® Plus Waterborne Basecoat Systems
- DELTRON® 2000 (DBC) Basecoat Systems
- NEXA AUTOCOLOR® 2K® P420/P421/P422 Color Systems
- GLOBAL REFINISH SYSTEM® (BC) Basecoat Color Systems
- CONCEPT® (DCC) Acrylic Urethane Systems

Directions for Use:

Surface Preparation:



- Wash all surfaces to be painted with soap and water, then apply the appropriate substrate cleaner. Ensure that the substrate is thoroughly cleaned and dried both before and after application work.
- Finish sanded bare metal areas with 180 grit abrasive. Do not apply etch primer before UV priming.
- Sand old finishes with 320-400 grit dry by hand or machine or 600 grit wet.
- Wash off residue and dry thoroughly before re-cleaning with an appropriate systems substrate cleaner. The use of a tack rag is recommended.
- Prime aluminum and stainless substrate within 8 hours.
- Prime carbon steel immediately after sanding and cleaning.
- Adhesion promoter must be applied to bare plastic before priming with SUA1080. See *OneChoice* bulletin OC-35 for additional information.

Note: For fastest results keep the repair projects to approximately a 6 inch circle or less.

Mixing:



SUA1080 is Ready to Spray

Agitate thoroughly. Shake can vigorously for one minute after mixing ball rattles to ensure uniformity and to prevent clogging. For best results, use only when can temperature is approximately 70°F (21°C).

Application Procedure:



Apply: multiple wet coats using continuous passes
Dry film Build: ~ 1 mil per 3-4 wet coats



Note: UV Primer is clear with some effect pigmentation to visually assist with application. DO NOT attempt to spray to hiding.

Note: When finished spraying aerosol products, hold can upside down and spray until valve is cleared. This will prevent clogging of the internal valve.

Flash Time:

Between Coats: No time needed between coats.

Use Personal Protective Equipment (PPE) to prevent UV radiation damage

- Part number SAS5346 UV Protective Safety Glasses
- Part number SAS66518 (L) or SAS66519 (XL) Nitrile 6 mil Gloves



Immediately after final coat:

Stationary method 2 minutes: Fix DEXUVL UV LED Light 8-9 inches from panel
UV light will cure a 6 inch round area

Continuous motion 3-4 minutes: Hold DEXUVL UV LED Light 3-4 inches away from panel and continuously move over entire repair area when repair area is larger than 6 inches around.

Cure Process:



UV Primer must be cured with DEXUVL UV LED Light or other UV Lamps with the same UVA wavelength and similar or stronger wattage. UV curing only occurs with direct exposure, be sure to keep UV light source perpendicular to all panels surfaces for the required amount of time.

Always follow manufacturer's instructions and safety precautions for the proper use of UV emitting equipment.

Always protect your eyes from direct exposure to UV light radiation. The SAS5346 UV Protective Safety Glasses are needed to protect your eyes from reflective UV radiation. To avoid incidental UV radiation exposure to other people, always use UV emitting equipment behind shielded curtains.

UV Primer contains optical brighteners that will be evident when exposed to UV light emitting equipment and the effect will be similar to how some colors react to a black light. Use this optical effect to ensure all the UV Primer is fully cured by either the Stationary or Continuous Motions Methods.

Directions for Use Cont'd:

Post Cure Cleaning:



After UV Primer is cured by an appropriate method, clean the repair area with SXA1081 UV Cleaner or similar cleaning products to remove any post cured film residue.



SXA1081 is ready to spray

Shake can vigorously to mix, apply even layer of cleaner to primer repair area and wipe clean

Repair area is ready to sand

Performance Guidelines:



Wear full UV protection equipment to prevent UV radiation damage to yourself and use UV light emitting equipment behind shields to prevent exposure to others.

UV Primer is designed to be clear. A clear film allows UV light to easily penetrate the film and ensures a more thoroughly cured film. The effect pigmentation is only intended to visually assist during application.

UV Primer cannot be used on original or refinish thermoplastic coatings, specifically lacquer or 1K finishes.

Bare plastic requires an adhesion promoter prior to applying UV primer
Ensure the repair area is thoroughly prepped and sanded per normal procedures.

Clean cured UV Primer surface before sanding to minimize sandpaper usage.

Technical Data:

RTU Combinations:	SUA1080	SXA1081
Volume Ratio	As is (aerosol)	As is (Aerosol)
Applicable Use Category	Auto Body Primer	Solvent (Substrate Cleaner)
VOC Actual (g/L)	337	851
VOC Actual (lbs./gal.)	2.81	0.71
VOC Regulatory (less water less exempt) (g/L)	454	85.1
VOC Regulatory (less water less exempt) (lbs./gal.)	3.79	0.71
Solids by weight (RTS)	38.2	0.0
Solids by volume (RTS)	23.8	0.0
Sq. Ft. Coverage / US Gal., 0.5 mil at 100% transfer efficiency	762	-

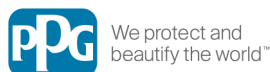
Important:

Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

See Safety Data Sheet and Labels for additional safety information and handling instructions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to PPG Industries. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.



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