

## UV Primer (Aerosol)

# SUA1080/SU1081

SUA1080 is an innovative product that uses an exciting technology that allows you to sand the primer surfacer just two minutes after application and a post wipe with SU1081. This high build primer surfacer comes in an aerosol can and is easy to spray and to sand and can be over coated with any PPG refinish topcoat.



### Features & Benefits

- Aerosol Packaged
- 2 minute cure
- No mixing
- Increased 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

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

## Directions for Use:

### Surface Preparation:



- In all cases, wash all surfaces to be painted with soap and water, then apply the appropriate system cleaner. Ensure that the substrate is thoroughly cleaned and dried both before and after application work.
- Sand the bare metal areas completely with 80-180 grit abrasive. Bare metal substrates do not require the application of an 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 cleaning.
- Adhesion promoter must be applied to bare plastic before priming with SUA1080. See ONECHOICE® bulletin OC-35 for additional information.

**Note:** Keep the repair area to a size no greater than 8 to 9 inches around. This product is designed for spot repairs only, not complete panels.

### Mixing:



SUA1080 is Ready to Spray

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

### Application Procedure:



Apply	4-5 wet coats using continuous passes
Dry film Build (after sanding)	2.5 mils

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



**Note:** The pigmentation in this products is solely intended to visually aid you in applying the product. If you have sprayed this product to hiding, you've exceeded the maximum film build of the product, which will negatively affect cure.

### Dry Times:



Between Coats:	No time needed between coats.
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After Final Coat:	2 minutes cure with PPG recommended UV lamp (over curing is not harmful)
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UV Primer **must be** cured with a UV lamp using direct line of sight. Any primer that is not within the footprint of the lamp will be removed when SU1081 UV Primer Post Wipe is used. Take caution when applying around door edges, etc., as the overspray or products that is not in the direct line of sight of the UV lamp will not be cured.

### Cure:

UV Cured Primer Surfacer contains optical brighteners that will be evident when exposed to the UV lamp, much the same as a black light reacts to certain colors. Any area that exhibits the optical brighteners needs to be cured for 2 minutes with the UV lamp.



After curing, the final coat **MUST** be wiped with SU1081 UV Primer Post Wipe prior to sanding.

### UV Lamp Directions:



- Always follow manufacturer's instructions and safety precautions for the proper use of UV lamp.
- 2 minutes cure time at an 8 inch distance will cure an area the size of an 8.5 x 11 inch sheet of paper.
- At greater distances the cure drops considerably.

### Dry to Sand:



Immediately after curing, wipe surface with SU1081 to remove film residue. Repair is ready to sand.

**Directions for Use Cont'd:**

**Performance Guidelines:**

- **Do Not** apply this product to hiding. This product is pigmented solely to show the painter where the primer surfacer has been applied so that the entire area is cured by the UV lamp. If this product is applied to hiding, the product will not cure properly and will result in adhesion failures.
- **Do Not** attempt a spot repair on original or refinish thermoplastic applications, lacquer or 1K finishes.
- Ensure that the surface is thoroughly sanded to the panel's edge, or a distance several centimeters beyond the damaged area, whichever is the smaller.

**Technical Data:**

<b>RTU Combinations:</b>	<b>SUA1080</b>	<b>SU1081</b>
Volume Ratio	As is (aerosol)	As is (saturated wipe)
Applicable Use Category	Auto Body Primer	Solvent (Substrate Cleaner)
VOC Actual (g/L)	336	n/a
VOC Actual (lbs./gal.)	2.80	n/a
VOC Regulatory (less water less exempt) (g/L)	451	n/a
VOC Regulatory (less water less exempt) (lbs./gal.)	3.76	n/a
VOC Content (less water less exempt) (g/L)	n/a	0 (theoretical*)
VOC Content (less water less exempt) (lbs./gal.)	n/a	0.0 (theoretical*)
Solids by weight (RTS)	38.2	n/a
Solids by volume (RTS)	23.6	n/a
Sq. Ft. Coverage / US Gal., 0.5 mil at 100% transfer efficiency	379	n/a

\*Expected theoretical value, possible trace impurities in batch to batch variations

**Important:**

Before opening the package, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all of 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.

**Tips:**

- Spray product in properly vented areas.
- Use the appropriate NIOSH/MSHA respirator. Consult product label for details.
- Shake for one minute after mixing ball rattles and spray a small area to test product before starting the job.
- Turn the container over and spray to clear the nozzle after spraying is completed.

**Precautions:**

- Do not leave or store containers in direct sunlight. Normal storage temperature is 50 - 100°F (10 - 38°C).
- Do not incinerate container, contents under pressure.

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

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