

1K Compliant Adhesion Promoter

SU470LV / SUA470LV

ONECHOICE® SU470LV / SUA470LV is a 1K adhesion promoter for use within all North American markets and is recommended for use under PPG and NEXA AUTOCOLOR® branded undercoats and topcoats.

After proper cleaning and used as recommended, SU470LV / SUA470LV will deliver exceptional adhesion to bare, unprimed automotive bumpers, fascias, and other automotive plastics.



Features & Benefits

- Convenient ready to use packaging
- Produces consistent results
- Used with PPG and *Nexa Autocolor* branded undercoats and topcoats.
- Can be used in all North American markets
- Provides excellent topcoat adhesion and hold-out
- Customer Satisfaction
- Versatility and reliability
- Improved productivity
- Available in an aerosol

Compatible Products

- DELTRON® 2000 (DBC) Basecoat
- ENVIROBASE® High Performance Waterborne Basecoat*
- GLOBAL REFINISH SYSTEM™ (BC) Basecoat Color
- AQUABASE® Plus Waterborne Basecoat*
- CONCEPT® (DCC) Acrylic Urethane
- *Nexa Autocolor 2K*® P420/P421/P422
- *Deltron* Undercoats
- *Global Refinish System* Undercoats
- *Envirobase* High Performance Undercoats
- *Aquabase* Plus Undercoats
- *Nexa Autocolor 2K* Undercoats

*Adhesion promoter must be sealed before top coating with waterborne basecoat.

Note: For complete system repair guidelines, please refer to the product's specific technical bulletin for additional components and information.

Directions for Use

Surface Preparation:



- Thoroughly clean and scuff the area to be painted with the *OneChoice* SU4901 Clean and Scuff Sponge or SX1002 Sanding Paste and a gray scuff pad, rinse with clean water. **Note: Water should sheet (run-off) from the surface. If water beads up, repeat the cleaning process before proceeding.**
- Blow or wipe dry with a clean cloth and ensure that the entire surface has been totally deglossed.
- Final clean with SWX350 H₂O-SO-CLEAN[®], SX103/SXA103 MULTI-PREP[™], or SX394 1.4 Low VOC Cleaner*. Be sure the surface is thoroughly dry before proceeding and use a tack cloth to eliminate dirt prior to applying SU470LV / SUA470LV
- To ensure maximum adhesion after cleaning, SU470LV / SUA470LV 1K Compliant Adhesion Promoter should be applied immediately following the cleaning process. After cleaning, if the part should sit for more than 1 hour, it must be re-cleaned before the application of SU470LV / SUA470LV 1K Compliant Adhesion Promoter.

*Confirm cleaners are compliant with local regulations before use

Mix Ratio:



SU470LV / SUA470LV is packaged ready-to spray

Pot Life: Indefinite

- Hand shake SU470LV well before each use.
- SU470LV may be left in the spray gun for up to 8 hours.
- When using SUA470LV vigorously hand shake spray can for one minute to ensure uniformity and to prevent clogging.

Spray Gun Set-up:



Fluid tip: 1.3 - 1.5 mm or equivalent
HVLP: 10 PSI at the cap
Compliant: 29 - 40 PSI at the gun

Note: For best overall results, refer to spray gun manufacturer's recommendations for the inlet air pressures.

Application:



Apply: 1 medium wet coat

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.

Before top coating: 10 minutes at 70°F (21°C)*

*If longer than 1 hour, lightly sand, re-clean and re-apply SU470LV / SUA470LV.

Drying Times:



Note: SU470LV / SUA470LV may be directly top coated with solventborne topcoats however sealing or priming prior to top coating will improve the systems overall performance and should be applied as soon as SU470LV / SUA470LV is dry to avoid contamination of the plastic part.

Do Not directly topcoat with *Envirobase* High Performance or *Aquabase* Plus waterborne basecoats. The part must first be sealed with a 2 component sealer prior to color applications.

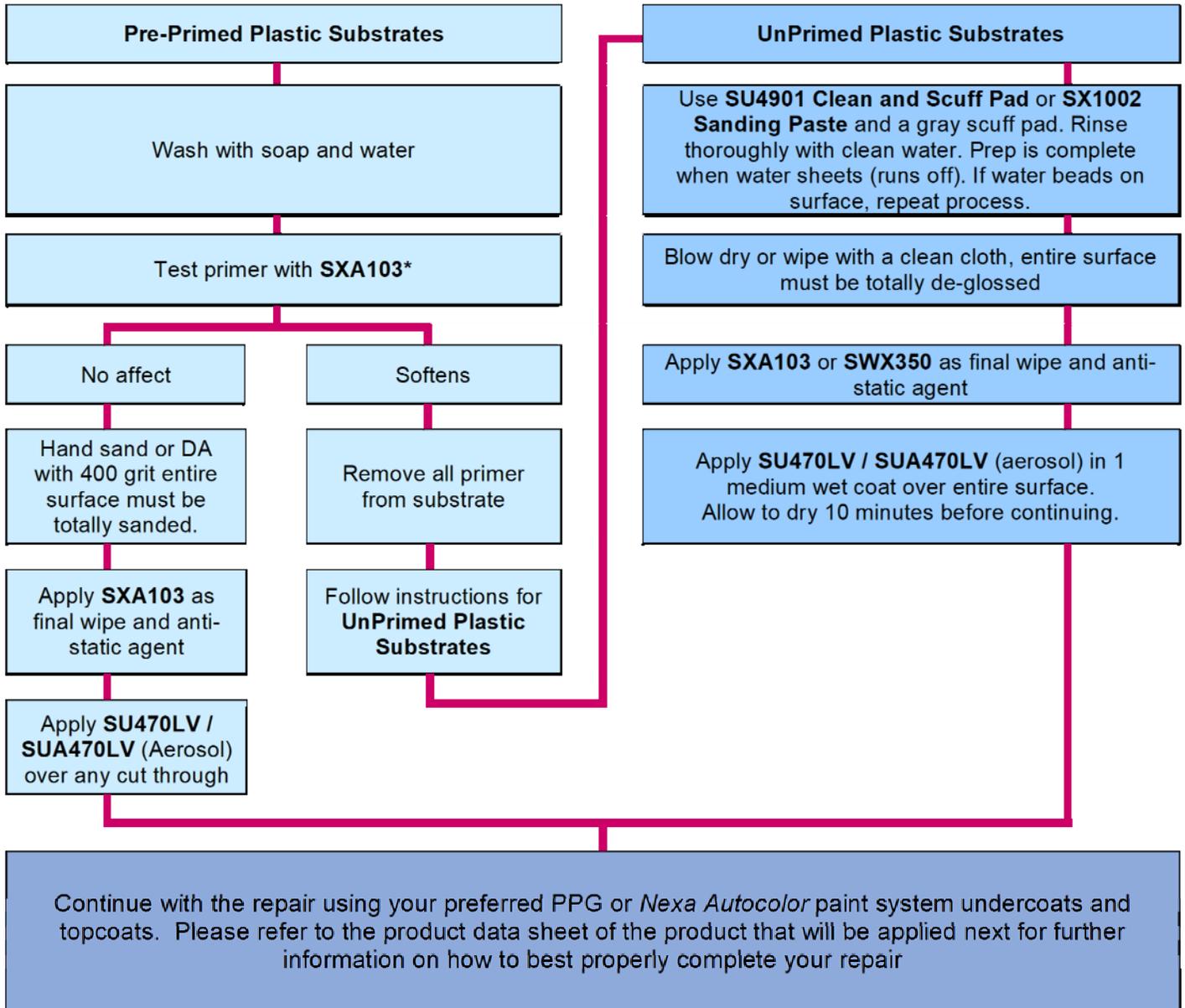
Equipment Cleaning:



Spray guns, gun cups, storage pots etc. should be cleaned thoroughly after each use with a compliant cleaning solvent.

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

New Panels



* Test the primer; Moisten a clean white cloth with SX103 or SXA103 *Multi-Prep* and rub an inconspicuous spot on the plastic. If the primer is softened or wipes off, remove all of the primer from the plastic part by sanding, then follow the bare plastic preparation process.

Existing Plastic Panels

Complete any minor or major plastic repair

De-gloss entire surface with 400 grit

Use **SU4901 Clean and Scuff Pad** or **SX1002 Sanding Paste** and a gray scuff pad over exposed raw plastic. Rinse thoroughly with clean water. Prep is complete when water sheets (runs off). If water beads on surface, repeat process.

Blow dry or wipe with a clean cloth, entire raw plastic surface must be totally de-glossed

Apply **SXA103** or **SWX350** as final wipe and anti-static agent

Apply **SU470LV / SUA470LV** (aerosol) in 1 medium wet coat over all exposed raw plastic. Allow to dry 10 minutes before continuing.

Continue with the repair using your preferred PPG or *Nexa Autocolor* paint system undercoats and topcoats. Please refer to the product data sheet of the product that will be applied next for further information on how to best properly complete your repair

Technical Data

Properties:

RTS Combinations:

	SU470LV	SUA470LV
Volume Ratio	As is	As is
Applicable Use Category	Adhesion Promoter	Adhesion Promoter (Aerosol)
VOC Actual (g/L)	85 g/L	379 g/L
VOC Actual (lbs/gal)	0.71 lbs/gal	3.17 lbs/gal
VOC Regulatory (less water less exempt) (g/L)	509 g/L	645 g/L
VOC Regulatory (less water less exempt) (lbs/gal)	4.25 lbs/gal	5.38 lbs/gal
Density (g/L)	1269 g/L	868 g/L
Density (lbs/gal)	10.59 lbs/gal	8.05 lbs/gal
Volatiles wt. %	94.6	96.5
Water wt. %	0	0
Exempt wt. %	87.9	57.1
Water vol. %	0	0
Exempt vol. %	83.3	41.1
Solids by weight (RTS)	5.4	3.5
Solids by volume (RTS)	7.0	3.5
Sq. Ft. Coverage / US Gal., 0.5 mil at 100% transfer efficiency	225	110

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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