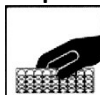

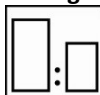


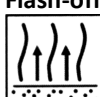



Blending Solvent LV

Programmed System Technique (PST)
Mixing Thinners
08/25/2017

DESCRIPTION

Blending Solvent LV is a specialty material designed for dissolving the overspray and fade out edge created during spot repairing or blending. Blending Solvent LV can be used with any Lesonal acrylic urethane clearcoat. The mix of special solvents in Blending Solvent LV assists in making a seamless transition from repair to existing finish.

Fade Out Edge Preparation 	<ul style="list-style-type: none">• Prepare the full-strength topcoat or clearcoat application area with P1000 on a D/A with interface pad or a gray scuff pad and Lesonal Plast-O-Blend.• Prepare the clear melt-in application area with a gold scuff pad or damp sponge and Lesonal Plast-O-Blend. The area must extend past the intended melt-in area.						
Use with Ready to Spray Paint 	<ul style="list-style-type: none">• For blending applications, prepare the topcoat or clearcoat as described in the clearcoat TDS then add Blending Solvent LV.						
Mixing  <small>STICK #1</small>	<table><tr><td>Mix</td><td>Blending Solvent LV By Volume</td></tr><tr><td>100</td><td>Blending Solvent LV</td></tr><tr><td>50</td><td>Ready to spray clear coat</td></tr></table> <p>Note: Blending Solvent LV must be mixed with clearcoat and never used alone.</p>	Mix	Blending Solvent LV By Volume	100	Blending Solvent LV	50	Ready to spray clear coat
Mix	Blending Solvent LV By Volume						
100	Blending Solvent LV						
50	Ready to spray clear coat						
Equipment 	<table><tr><td>Blending Solvent LV + Clearcoat Spray-Gun:</td><td>Reduce Application Air Pressures:</td></tr><tr><td><ul style="list-style-type: none">• 1.3 – 1.5 mm HVLP Gravity• 1.3 – 1.5 mm Compliant Gravity</td><td><ul style="list-style-type: none">• HVLP – 6-8 psi (.41-.55 bar) at the air cap.• Consult manufacturer specifications.</td></tr></table>	Blending Solvent LV + Clearcoat Spray-Gun:	Reduce Application Air Pressures:	<ul style="list-style-type: none">• 1.3 – 1.5 mm HVLP Gravity• 1.3 – 1.5 mm Compliant Gravity	<ul style="list-style-type: none">• HVLP – 6-8 psi (.41-.55 bar) at the air cap.• Consult manufacturer specifications.		
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Flash-off 	<table><tr><td>Flash Between Coats at 70°F (21°C)</td><td>Flash Before Force Drying at 70°F (21°C)</td></tr><tr><td><ul style="list-style-type: none">• Clearcoat, 1-3 minutes.• Blending Solvent LV+Clear Coat, 15-30 seconds.</td><td><ul style="list-style-type: none">• Refer to the mixed product TDS for flash and bake recommendations.</td></tr></table>	Flash Between Coats at 70°F (21°C)	Flash Before Force Drying at 70°F (21°C)	<ul style="list-style-type: none">• Clearcoat, 1-3 minutes.• Blending Solvent LV+Clear Coat, 15-30 seconds.	<ul style="list-style-type: none">• Refer to the mixed product TDS for flash and bake recommendations.		
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Drying 	<ul style="list-style-type: none">• Refer to the mixed and applied product TDS for drying recommendations.						

Read complete technical data sheet for detailed product information

Blending Solvent LV

Technical Data Sheet
Mixing Thinners
08/25/2017
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DESCRIPTION

Blending Solvent LV is a specialty material designed for dissolving the overspray and fade out edge created during spot repairing or blending. Blending Solvent LV can be used with any Lesonal acrylic urethane clearcoat. The mix of special solvents in Blending Solvent LV assists in making a seamless transition from repair to existing finish.

Blending of Topcoat or Clearcoat



- AkzoNobel strongly recommends the application of clear coat over the entire panel being repaired. However, there are instances where this is not practical - such as repairs on older vehicles where economics would dictate that a warranty is not required. In these instances, it may be acceptable to solvent blend the clear coat into small areas such as a rocker panel, sail panel, or on vertical areas only.
- Solvent blending techniques and procedures explained in this TDS are not warranted by AkzoNobel or OEM approved.

Suitable Substrates



- Refer to TDS for the paint product that Blending Solvent LV will be used with for information on suitable substrates.

COMPATIBLE PRODUCTS

Product

- Lesonal Acrylic Urethane Clearcoats
- Note: Blending Solvent LV must be mixed with clearcoat and never used alone.

PRODUCTS AND ADDITIVES

Product

- Blending Solvent LV, Quart – Item #481066

METHOD OF USE

Basic Row Materials

- Blending Solvent LV – Hydroxyl acrylic resins blended with specially formulated solvents.

Substrate Preparation

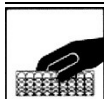


Pre-Cleaning

- If needed pre-wash the repair with warm soap and water. Rinse completely with clean water.
- Clean with Autoprep Ultra Prep Surface Cleaner.

Blending Solvent LV

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Fade Out Edge Preparation

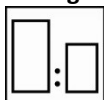
- Prepare the full-strength topcoat or clearcoat application area with P1000 on a D/A with interface pad or a gray scuff pad and Lesonal Plast-O-Blend.
- Prepare the clear melt-in application area with a gold scuff pad or damp sponge and Lesonal Plast-O-Blend. The area must extend past the intended melt-in area.



Surface Cleaning – Prior to Paint Application

- Clean with AutoPrep Ultra-Prep Surface Cleaner.

Mixing



STICK # 1

Mix Blending Solvent LV By Volume

Mix	100	Blending Solvent LV
	50	Ready to spray clear coat

Note: Blending Solvent LV must be mixed with clearcoat and never used alone.

Potlife when Mixed



- The recommended potlife does not change with the addition of Blending Solvent LV.
- Refer the TDS of the product being applied for pot-life information.

Spray Gun Set-Up



Blending Solvent LV+Clearcoat Spray-Gun:

- 1.3 – 1.5 mm HVLP Gravity
- 1.3 – 1.5 mm Compliant Gravity

Reduce Application Air Pressures:

- HVLP – 6-8 psi (.41-.55 bar) at the air cap.
- Consult manufacturer specifications.

APPLICATION TECHNIQUE

Application Blending Solvent LV + Clearcoat



Blending Solvent LV + Clearcoat Application

- Control the application to restrict the overspray of the application.
- Apply 1-2 coats from the outside in. To avoid too much build-up of overspray, apply in the direction of the wet full strength clearcoat and not in the direction of the prepared existing finish.
- Apply 1 thin coat of Blending Solvent LV + Clearcoat at the outside of the area prepared for the clear coat blend. Work your way toward the full strength clear as you apply the Blending Solvent LV and clearcoat combination.
- Apply a second application after a short flash if needed.

Drying / Curing Time



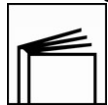
- Dry the applied paint according to its TDS specifications.
- Additional drying with infrared will provide the most favorable through hardening in the blend area and less chance of damaging it during detail.
- If the paint is baked, follow the product TDS recommendations for cool down before detailing.

Blending Solvent LV

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POST-APPLICATION

Recoating



- Refer to the applied product TDS for information on recoating.

Detailing / Polishing



- Polish the blended area by hand with 3M #06064 Perfect-It Machine Polish or a similar fine polishing compound. Do not use an abrasive polishing compound.
- In case more effort is required, polish by machine, using light pressure and a 3M #05707 Perfect-It Foam Polish Pad. Final clean up with a 3M #06016 Perfect-It Detail Cloth.
- After polishing the area may be waxed with a silicone free wax.

ADDITIONAL INFORMATION

Cleaning of Equipment



- Clean equipment following local and federal regulations. In compliant localities, use a VOC compliant high-quality solvent borne gun cleaner. For national rule regions, a use high quality lacquer thinner.
- For efficient cleaning and less evaporated cleaning solvents, an enclosed automatic gun cleaning machine is suggested.

VOC / Regulatory Information



Product	VOC Pounds per Gallon	VOC Grams per Liter
Blending Solvent LV	3.82	458

Product Storage



- Stock unopened or used products in approved closed containers with proper labeling. Store in moderate temperatures between 40°F - 95°F (5°C – 35°C). Avoid too much temperature fluctuation. Optimum storage temperature is approximately 70°F (21°C)
- Blending Solvent LV – 1 Year

Blending Solvent LV

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Telephone: 800-618-1010

FOR PROFESSIONAL USE ONLY

IMPORTANT NOTE: The information in this data sheet is not intended to be exhaustive and is based on the present state of our knowledge and on current laws: any person using the product for any purpose other than that specifically recommended in the technical data sheet without first obtaining written confirmation from us as to the suitability of the product for the intended purpose does so at his own risk. It is always the responsibility of the user to take all necessary steps to fulfill the demands set out in the local rules and legislation. Always read the Material Data Sheet and the Technical Data Sheet for this product if available. All advice we give or any statement made about the product by us (whether in this data sheet or otherwise) is correct to the best of our knowledge but we have no control over the quality or the condition of the substrate or the many factors affecting the use and application of the product. Therefore, unless we specifically agree in writing otherwise, we do not accept any liability whatsoever for the performance of the product or for any loss or damage arising out of the use of the product. All products supplied and technical advices given are subject to our standard terms and conditions of sale. You should request a copy of this document and review it carefully. The information contained in this data sheet is subject to modification from time to time in the light of experience and our policy of continuous development. It is the user's responsibility to verify that this data sheet is current prior to using the product.

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