

# Technical Data Sheet

LV-500 Basecoat Blender is designed to aid in the blending of No Mix Low VOC metallic, pearl and tri-coat colors. LV-500 can also be used as fast drying cut in clear and an inter-coat clear for tape outs of two tones and multi-color graphics. No Mix Low VOC Basecoat Blender is UV stable and ready to spray.

## SUITABLE SUBSTRATES

Substrate		Substrate		Substrate	
Solvent-borne Basecoat	✓	Waterborne Basecoat	✓	Acrylic Lacquer	
1K Enamel		2K Enamel	✓		
OEM Finish & Old Paint Work - Reversible		OEM Finish & Old Paint Work - Non-Reversible	✓		

## MIXING



As a wet bed: Ready to use  
 For Blending: 1:1 (1 part LV-500 to 1 part Ready to Use No Mix)  
 Pot Life: Unactivated - unlimited; Activated - 8 hours

## FLASH TIMES/DRY TIMES



Flash Between Coats 10-15 minutes  
 Tape Time 15-20 minutes  
 Handling Time 15-20 minutes

## SURFACE PREPARATION



Finish sand with 400-600 grit dry or 600-800 grit wet, prepare blend areas using 800-1000 grit wet or dry or 6338 Scuff and Prep Paste with a gray scuff pad. Thoroughly degrease.

## SPRAY GUN SET-UP/APPLICATION



Gun Type HVLP/LVLP Gravity Feed  
 Fluid Tip 1.2 - 1.4 mm 1.2 - 1.4 mm  
 Air Pressure 10 PSI @ aircap 25 - 35 PSI @ gun inlet  
 Mil Thickness: 2-3 coats (@ 1.0 mils per coat dry film thickness). Must have a minimum of 2.0 mils.

## LIMITATIONS & PRECAUTIONS

- For use only by professional, trained painters. Not for sale to or use by the general public.
- Before use, read and follow all TDS, label and SDS precautions.
- See next page for more detailed production application.

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## SPRAY GUN SET-UP

Gun Type	Siphon Feed	Gravity Feed	HVLP/LVLP
Fluid Tip	1.4-1.6 mm	1.2-1.4 mm	1.2-1.4 mm
Air Pressure	25-35 PSI (@gun)	20-25 PSI (@ gun)	10 PSI (@ aircap)
Fluid Pressure	N/A	N/A	N/A
<i>Always refer to gun manufacturer's recommendation for proper set up and spray pressure.</i>			

## SURFACE PREPARATION

Finish sand with 400-600 grit dry or 600-800 grit wet, prepare blend areas using 800-1000 grit wet or dry or 6338 Scuff and Prep Paste with a gray scuff pad. Thoroughly degrease.

## APPLICATION & FILM BUILD

### BLENDING

Apply 1-2 coats of LV-500 to the prepared blend panels. Allow a 10 - 15 minutes flash before the application of basecoat. Refer to No Mix Low VOC Basecoat Data Sheet for specific reduction and application instructions. Apply 2-3 coats of basecoat to the replacement panels/ repair areas or until hiding. Extend each coat slightly beyond the first and taper each coat. Allow proper flash time between coats. Mix 1 part of LV-500 with 1 part of ready to spray basecoat and apply 1-2 coats over the blend area. Allow 10 - 15 minutes flash time and apply desired Transtar Clearcoat.

### INTER-COAT CLEAR

If necessary follow the instructions above. Allow color to flash 10 - 15 minutes. Apply 1-2 coats of LV-500 to the entire panel. Allow a 15 - 20 minutes dry time before applying masking tape for two-tone or graphics.

### CUT IN CLEAR:

Allow color to flash 10 - 15 minutes. Apply 2-3 coats of LV-500. Allow 15 - 20 minutes before handling/assembly. To increase gloss additional coats of LV-500 may be applied (up to a maximum of 6 coats).

## PRODUCT SPECIFICATIONS

Color: Water white clear	Shelf Life: 1 year
Solids: 11%	

## REGULATORY

Category: Uniform Finish Coating	LV-500	Weight % of Exempt Compounds	74.61
VOC Actual	1.22#/gal (147 g/l)	Volume % of Exempt Compounds	72.79
VOC Regulatory	4.50#/gal (539 g/l)	Density of Material #/gal	8.49
Weight % of Volatiles	89.03		
Weight % of Water	0		