



### GENERAL INFORMATION

MPB-500LV 3.5 VOC Color Blender is a transparent basecoat to be used with intermix colors as well as custom applications.



### 1. COMPONENTS

- MPB-500LV Color Blender
- MH-061 Premium Hardener - Fast
- MBR-1100 Low VOC Reducer - Fast
- MBR-1200 Low VOC Reducer - Medium
- MBR-1300 Low VOC Reducer - Slow



### 2. MIXING RATIO (1:1) OR (1:1:1% by Vol.)

- Mix one (1) part MPB-500LV 3.5 VOC Color Blender with one (1) part MBR-Series Reducer

- Mix one (1) part MPB-500LV 3.5 VOC with one (1) part MBR-Series Reducer and 1% of MH-061 Premium Hardener - Fast by volume.



### 3. POT LIFE @ 77°F (25°C)

- Sprayable up to 2 hours with MH-061
- 7 days when mixed without MH-061
- \*Tech Tip: Pot life will shorten as temperatures increase. Matrix Edge™ System products are not recommended for use in temperatures below 65° F.



### 4. CLEAN UP

- Clean equipment immediately after use (check local regulations)



### 5. ADDITIVES

- N/A



### 6. SURFACE PREPARATION

#### OEM BLEND AREAS

#### Option 1:

- Clean blend area with Matrix Edge MXW-9001 cleaner degreaser.
- Scuff blend area with gray scuff pad and sanding paste.
- Sanding paste must be thoroughly washed away.
- Reclean blend area with Matrix Edge MXW-9001 cleaner degreaser prior to topcoating

#### Option 2:

- Clean blend area with Matrix Edge MXW-9001 cleaner degreaser
- Sand blend areas with P800 - P1000 grit paper, for hard to reach areas scuff with gray scuff pad
- Reclean blend area with Matrix Edge MXW-9001 cleaner degreaser prior to topcoating

**NOTE:** Option 1 and 2 the OEM Blend area must be scuffed or sanded completely dull.



### 7. SUBSTRATES (Properly Prepared)

- All Matrix Edge 2K Primers
- All Matrix Edge 2K Primer Sealers
- OEM Finishes
- Previously painted surfaces



### 8. APPLICATION

#### WHEN USING AS A WET BED

- Apply 1-2 light to medium coats of the color blender onto the blend area, extending each coat a little further each time. Allow proper flash times between coats.

#### WHEN USING TO LET DOWN COLOR

- For Matrix Edge EPB 3.5 VOC Premium Basecoat up to 35% RTS MPB-500LV 3.5 VOC can be added to RTS mixed color to improve blendability.

- For Matrix Edge ESB 3.5 VOC Standard Basecoat up to 10% RTS MPB-500LV 3.5 VOC can be added to RTS mixed color to improve blendability.

### 9. STRIPING OR TWO TONING

- Refer to Flash and Dry Times

### 10. CLEARCOAT

- All Matrix Edge clearcoats



### 11. FLASH / DRY TIMES

#### AIR DRY @ 77°F (25°C)

Flash Between Coats	5 -10 minutes or until completely dull
Tape Time	30 minutes
To Clearcoat	20 minutes

**NOTE:** Extended flash times are recommended above 3 coat application.

**NOTE:** MPB-500LV 3.5 VOC Color Blender must be scuffed after 24 hours and reapplied before clearcoating.



### 12. SPRAY GUN SET UP

Compliant	1.3 mm - 1.4 mm
HVLP - Fluid Tip	1.3 mm - 1.4 mm

#### AIR PRESSURES

- Refer to spray gun manufacturer's recommendations for regulatory compliance



### 13. PHYSICAL DATA

SEE PAGE 2

If used as instructed, this product is designed to comply with Volatile Organic Compound (VOC) Standards in low-VOC jurisdictions, for Automobile Refinish Coatings. Confirm compliance with state and local air quality rules before use. The data on this sheet represent typical values. Since application variables are a major factor in product performance, this information should serve only as a general guide. Valspar assumes no obligation or liability for use of this information. **UNLESS VALSPAR AGREES OTHERWISE IN WRITING, VALSPAR MAKES NO WARRANTIES, EXPRESS OR IMPLIED, AND DISCLAIMS ALL IMPLIED WARRANTIES INCLUDING WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR USE OR FREEDOM FROM PATENT INFRINGEMENT. VALSPAR WILL NOT BE LIABLE FOR ANY SPECIAL, INCIDENTAL OR CONSEQUENTIAL DAMAGES.** Your only remedy for any defect in this product is the replacement of the defective product, or a refund of its purchase price, at our option.



### 13. PHYSICAL DATA

RTS REGULATORY DATA	1:1:1%	
	As Applied (MBR1000 Series/MH061)	
	LBS./GAL.	g/L
Actual VOC	0.65 Max	78 Max
Regulatory VOC (less water and exempt solvents)	4.5 Max	540 Max
Density	9-11	1100-1300
	WT.%	VOL.%
Total Solids Content	9-11	9-11
Total Volatile Content	89-91	89-91
Water	0	0
Exempt Compound Content	83-85	80-82
Coating Category	Uniform Finish Coating	

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