



GENERAL INFORMATION

MPB-LV Premium Low VOC Basecoat is a urethane resin based intermix system that provides excellent coverage and color formulation for automotive refinish applications.



1. COMPONENTS

- MPB-LV Premium Low VOC Basecoat
- MX-57 Basecoat Activator
- MBR-100 Low VOC Reducer
- MBR-200 Low VOC Reducer
- MBR-300 Low VOC Reducer
- MBR-400 Low VOC Reducer



2. MIXING RATIO (1:1) OR (1:1:5% by Vol.)

- Mix one (1) part MPB-LV with one (1) part MBR-Series Reducer
- Mix one (1) part MPB-LV with one (1) part MBR-Series Reducer and 5% of MX-57 Basecoat Activator by volume.

**NOTE:* MX-57 must be used to catalyze entire basecoat film when applied in multi-layer applications (Example: OEM Tri-coat or multi-color)



3. POT LIFE @ 77°F (25°C)

- Sprayable up to 2 hours with MX-57
 - Infinite pot life when mixed without MX-57
- *Tech Tip:* Pot life will shorten as temperatures increase. Matrix System products are not recommended for use in temperatures below 65° F.



4. CLEAN UP

- Clean equipment immediately after use according to local regulations.



5. ADDITIVES

- N/A



6. SURFACE PREPARATION

- Surfaces should be prepared using the proper undercoat system following recommended procedures.
- All surfaces should be final sanded with P400-P600 grit or equivalent.



7. SUBSTRATES (Properly Prepared)

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



8. APPLICATION

- Apply single coats of MPB-LV allowing proper flash times between each coat until hiding is achieved.

9. STRIPING OR TWO TONING

- Refer to Flash and Dry Times

10. CLEARCOAT

- All Matrix clearcoats



11. FLASH / DRY TIMES

AIR DRY @ 77°F (25°C)

	W/O MX-57	W/ MX-57
Between Coats	10 min. or until completely dull	10-15 minutes
To Clear	20 minutes - 24 hours	30 minutes - 4 hours

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

***Note:* MPB-LV must be scuffed after four hours before recoating when activated with MX-57.

12. TAPE TIME

- Tape time on MPB-LV is 60 minutes minimum at 77° F (25°C).



13. SPRAY GUN SET UP

HVLP/LVLP - Fluid Tip Size	1.2 mm - 1.4 mm
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AIR PRESSURES

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



14. PHYSICAL DATA

RTS REGULATORY DATA	1:1	
	LBS./GAL.	g/L
Actual VOC	0.48	58
Regulatory VOC (less water and exempt solvents)	3.49	418
Density	9.53	1142
	WT. %	VOL. %
Total Solids Content	7.9	7.4
Total Volatile Content	92.1	92.6
Water	0	0
Exempt Compound Content	87.1	86.3
Coating Category	Color Coating	

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.