

MPB-9000LV



LOW VOC FACTORY PACK BLACK

Technical Data Sheet

Technical Hotline 800.735.0303

PRODUCT NUMBER

MPB-9000LV

DESCRIPTION

LOW VOC FACTORY PACK BLACK

REDUCERS

MBR-200

DESCRIPTION

LOW VOC BASECOAT REDUCER MEDIUM

**Tech Tip:* At this time, MBR-200 is the only reducer for MPB-LV product line. MBR-200 is the reducer of choice for best flow and spray ability in most environments.

DESCRIPTION

MPB-9000LV is a low VOC factory package basecoat that offers exceptional hiding with easy application and VOC's under 3.2 lbs/gal.

COMPATIBLE SUBSTRATES

- MP-120 SERIES SEALERS®
- MP-35 SEALER
- MP-850 SEALER
- MP-EPOXIES
- 2KPB PRIMER
- MP-2K PRIMER
- MP3-HS PRIMER
- MP4-2K DTM PRIMER
- OEM FINISHES*
- PPG® V-SEAL®
- PPG® DPLF® EPOXIES
- DuPont® VALUESHADE®

**Tech Tip:* Proper sanding and cleaning is required to insure the best possible results are obtained.

SURFACE PREPARATION



1. Finish sand repair areas with 400-600 grit or equivalent.
2. Clean repair areas with MX-8000 Pre Paint Cleaner or MXW-9001 where VOC regulations require its use. Wipe off any MXW-9001 residue with a clean damp cloth.
3. Use a tack cloth to remove any surface contaminants that may have settled on the repaired areas prior to paint application.
4. Apply MPB-9000LV Low VOC Factory Pack Black.

**Tech Tip:* For maximum product performance seal repaired areas with MP-120 Series Sealers, choose a sealer shade that will enhance the basecoat colors hiding capabilities or a color shade that closely resembles the basecoat color the vehicle will be. This recommendation only applies to areas that have not adopted the CARB SCM.

LOW VOC FACTORY
PACK BLACK

MIXING RATIO



MPB-9000LV : MBR-200
1 Part : 1 Part

MIXING RATIO WITH MX-57

MPB-9000LV : MBR-200 : MX-57
1 Part : 1 Part : 1.5 oz per RTS qt.

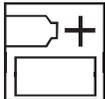
POT LIFE



<u>Basecoat Activator</u>	<u>Time</u>	<u>Temp</u>
MX-57	2 Hours	77° F Highly Recommended

**Tech Tip:* Pot life will shorten as temperatures increase. Matrix System products are not recommended for use in temperatures below 65° F.

ADDITIVES



ACCELERATOR

Accelerator is not recommended for use in this product.



FISH EYE ELIMINATOR

Fish Eye Eliminator is not recommended for use in this product.

APPLICATION



Apply 2-3 coats or until hiding is achieved at 40-50 psi or (6-10 psi when using HVLP at the aircap), allowing a 10-15 minute flash time between coats. Allow the final coat of MPB-9000LV to dry 30 minutes at 77° F. before applying clearcoat. Do not allow to dry longer than 24 hours without clearcoating or MPB-9000LV must be lightly scuffed and a additional coat of MPB-9000LV basecoat must be applied to restore color uniformity.

Note: Basecoat colors are designed to dry to a low gloss. This makes color match and its approval difficult to see until the clearcoat is applied.

A good technique to ensure color match and/or blendability is to spray the basecoat and clearcoat on a small test panel before doing the actual repair. Color match cannot be fully determined without clearcoating the test panel.



<u>GUN TYPE</u>	<u>HVLP</u>	<u>Conventional</u>
<u>SIZE</u>	1.3 - 1.5 mm	1.3 - 1.5 mm
<u>PSI</u>	6 - 10 at Aircap	40 - 50 at Gun

TAPE TIME

Tape time on MPB-9000LV is 30-60 minutes at 77° F. When using MX-57 tape time on MPB-9000LV is 30-60 minutes at 77° F.

STRIPING OR TWO TONING



Two tone, striping or applying a custom paint job where elevated film builds exist, the use of MX-57 Basecoat Activator is required. MX-57 will minimize problems associated with these special applications such as Lifting, Wrinkling, and Loss of adhesion. MX-57 will enhance performance and strengthen the overall paint film. When using MX-57, the pot life will be reduced to 2 hours at 77° F. **Avoid thick/elevated film builds of MPB-9000LV.**

RECOATING



MPB-9000LV may be recoated after 15-30 minutes or up to 24 hours at 77° F with itself, it may scuffed after 30 minutes at 77° F if necessary. After 24 hours depending on temperature/humidity, MPB-9000LV must be lightly scuffed and a additional coat of MPB-9000LV basecoat must be applied.

ADDITIVES

MX-57 Basecoat Activator. No other additives are required.

CLEARCOAT

All Matrix clearcoats may be used over MPB Series Basecoats. In areas that have adopted the CARB SCM MSV-21, MSV-27, MS-130LV and AG-40LV can be used to remain in compliance.

EQUIPMENT CLEANUP



Clean equipment immediately after use with MX-110 Gun Wash, or a high quality lacquer thinner, or compliant solvent depending on area regulations.

TECHNICAL DATA

Color:	Black
Reducer:	MBR-200
Mixing Ratio:	1:1
Viscosity #2 Zahn (RTS):	18 - 20 seconds #2 Zahn
Weight Solids:	29.5%
Film Build:	0.4 - 0.5 mils per full wet coat
Pot Life:	2 hours with MX-57
Coverage:	422 sq. ft. per gallon @ 1 dry mil
Tape Time:	30-60 minutes

V.O.C. as Delivered:	Regulatory VOC in LBS./GAL.	Regulatory VOC in G./L.	Material VOC in LBS./GAL.	Material VOC in G./L.
MPB-9000LV	3.1	373	1.4	165
MBR-200	7.8	938	0.1	12
MX-57	2.3	281	2.3	281
V.O.C. (RTS):				
MPB-9000LV/MBR-200	3.2	388	0.7	88
MPB-9000LV/MBR-200/MX-57	3.1	370	0.8	97

Disposal/Safety: see MSDS for this product

NOTE: Matrix System products are not recommended for use in temperatures below 60°F. Use below these temperatures will effect dry times and performance.

FOR INDUSTRY USE ONLY

Read MSDS Before Use

The contents of the package must be blended with other components before the product can be used. Any mixture of components will have hazards of all components. Before opening the packages, read all warning labels. Follow all precautions.

The material is designed for application only by professionally trained personnel using proper equipment under controlled conditions, and is not intended for sale to the general public.

SEE MSDS AND PRODUCT LABELS FOR ADDITIONAL SAFETY INFORMATION.

Put it to the test!
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