



VB-04

Liquid Metal™

VM4201

Liquid Metal is a specialized pigment designed to achieve a polished metal-ized final appearance.

It can be used as a stand-alone metal-ized finish, or as a ground color for other *Vibrance* topcoats to create special effect finishes.



Compatible Surfaces

Liquid Metal is used in conjunction with the systems shown below:

- DBC Refinish Systems—Follow P-175 *Deltron*® DBC recommendations for proper preparation and compatible primers.
- Global BC Refinish Systems—Follow EU02 *Global BC* recommendations for proper preparation and compatible primers.
- Reference the *Vibrance* Compatibility Chart (VB20) for compatible clears and custom formulating.



Liquid Metal

Directions For Use

Preparation:

When working on custom finishes, close attention to the details outlined for standard basecoat preparation, sanding, and cleaning is needed to achieve the optimum results.



Standard Preparation

Follow standard basecoat preparations outlined in Product Information Bulletin P-175 (*Deltron* DBC) or EU02 (*Global* BC) for preparing the surface.



Special Preparation

For optimum appearance *Liquid Metal* must be used over a black substrate. Surfaces may include:



- D9700/DBC9700 Black Basecoat—when applying directly over black basecoat the basecoat should be thoroughly tacked and free of any surface defects. Defects should be de-nibbed with 1500-2000 grit.
- Clearcoat or D9300/DCC9300 Single Stage—*Liquid Metal* may be applied directly over cleared black basecoat or Acrylic Urethane single stage which has been allowed to dry 24 hours and finish sanded flat with 1000-1200 grit wet.

Settling may occur in shipping. Hand stir thoroughly before the addition of the solvent.

Usage Guidelines:

Use as a Metal-ized Finish

Reduction: VM4201 : VR9200

1 part : 3 parts

Hand stir thoroughly after mixing.

Apply: Apply *Liquid Metal* using multiple, light coats until a smooth, even “metal” like appearance is achieved.

Liquid Metal can be used as a silver ground coat for custom *Radiance™ II* colors.

Before applying a midcoat, allow the final coat of *Liquid Metal* to flash a minimum of 15–30 minutes.

Usage Guidelines For Taping

Do not tape directly over *Liquid Metal*.

If taping is required, apply 1 coat of DBC500 or D895 color blenders, allowing 30–40 minutes before taping.

Additives:



No additional additives should be used.

Spraygun Set-up:



Fluid Tip: 1.1–1.3 max. (Reduce fluid flow when using 1.3 tip)

Air Pressure: 8–10 PSI at the cap for HVLP guns

35–45 PSI at the gun for conventional guns

Directions For Use

Drying Times:



Between Coats:

70°F (21°C)

5–10 minutes (Do not tack between coats or prior to clear)

Tape Time:

Tape should not be applied directly over *Liquid Metal*

Dry Time to Clearcoat:

15–30 minutes at 70°F (21°C)

Clearcoating:

When clearing *Liquid Metal* allow the final coat to flash a minimum of 15–30 minutes, but no longer than 8 hours. Should the project require more than 8 hours before clear is applied, DBC500/D895 may be used over *Liquid Metal*. The DBC500/D895 layer should then be sanded with 1000–1200 grit wet prior to graphics or clearcoat.

Reference the *Vibrance* Compatibility Chart (VB20) for compatible Clears and custom formulating.

Technical Data:

Package VOC Actual 5.99 lbs/gal (718 g/l)

Package VOC Regulatory (Less Water Less Exempts) 5.99 lbs/gal (718 g/l)

1:3 RTS VOC Regulatory (Less Water Less Exempts) 5.99 lbs/gal (718 g/l)

Liquid Metal

Directions For Use

Important:



The contents of this package must be blended with other components before the product can be used. Before opening the packages, be sure you understand the warning messages on the labels of all components, since the mixture will have the hazards of all its parts. Improper spray technique may result in a hazardous condition. Follow spray equipment manufacturer's instructions to prevent personal injury or fire. Follow directions for respirator use. Wear eye and skin protection. Observe all applicable precautions.

See Material Safety Data Sheet and Labels for additional safety information and handling instructions.

EMERGENCY MEDICAL OR SPILL CONTROL INFORMATION (412) 434-4515; IN CANADA (514) 645-1320

Materials described are designed for application by professional, trained personnel using proper equipment and are not intended for sale to the public. Products mentioned may be hazardous and should only be used according to directions, while observing precautions and warning statements listed on label. Statements and methods described are based upon the best information and practices known to PPG Industries. Procedures for applications mentioned are suggestions only and are not to be construed as representations or warranties as to performance, results, or fitness for any intended use, nor does PPG Industries warrant freedom from patent infringement in the use of any formula or process set forth herein.

PPG Automotive Refinish

World Leaders In Automotive Finishes

PPG Industries
19699 Progress Drive
Strongsville, OH 44149
(800) 647-6050

PPG Canada Inc.
2301 Royal Windsor Drive
Mississauga, Ontario L5J 1K5
(888) 310-4762