

# HOUSE OF KOLOR

## TECHNICAL DATA INFORMATION

**IMPORTANT NOTE:** This document includes information on UC-1 and UFC-1. These products are for sale outside the United States only.

**READ ALL INSTRUCTIONS THOROUGHLY BEFORE YOU BEGIN.** Our products are for use by trained professional personnel using proper production automotive spray equipment suitable for the paint to be sprayed. Proper spray booth, air system, respirator and basic spray painting ability are required.

**We do not recommend painting in temperatures below 21°C.**

### **NOT INTENDED FOR USE BY THE GENERAL PUBLIC.**

For controlled results, House of Kolor recommends products be used as a "total system". We do not recommend the intermixing of various manufacturers' products. This is only asking for trouble. No professional or amateur should run the risk of a job failure. Custom painting is complicated enough without gambling on untested product compatibility.

Apply only over House of Kolor primers/sealers and/or properly prepared OEM paint.

Do not apply House of Kolor products over alkyd or synthetic enamels, uncatalyzed acrylic enamel, primers, sealers or topcoats that may be coated with lacquer. You must control every step of the preparation including the products used for a successful paint job. Any unknowns such as existing primer, old paint, etc. can become the weak link in the custom painters' chain.

**IMPORTANT:** The data in this manual represent typical values obtained by the methods indicated. 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. Unless Valspar agrees otherwise in writing, Valspar's only obligation for any defect in this product under any warranty that Valspar provides or under any other legal theory will be to replace the defective product, or to refund its purchase price, at Valspar's option.

### **CAUTIONS**

Read Cautions and Warnings on all product can labels!

### **TECHNICAL DATA**

Material Safety Data sheets available upon request.

### **TECHNICAL ASSISTANCE**

1800 350 622

# PREPARATION

## BEFORE YOU BEGIN

***READ ALL INSTRUCTIONS THOROUGHLY.***

**We do not recommend painting in temperatures below 21°C.**

## GENERAL INFORMATION

Poor preparation can cause future topcoat problems. Sand the original finish well. Use our KP-2CF, or KP-21 catalyzed primers over body work and for build at deep sanded areas.

### 1. BODY WORK

Prepare vehicle using normal custom painting methods.

- A. Before any sanding, use KC-10 Wax & Grease remover to remove any tar, wax, or grease.
- B. Grind away paint and primer in areas requiring body work.
- C. Always be aware that your hands can transfer body oil, so keep a rag between you and the surface to be primed or painted and avoid touching the vehicle with your bare hand.
- D. Use power tools to get close when sanding filler. Then block sand. Keep the block front to rear, but crossing to prevent flat spots.
- E. Always prime with our KP-2CF, or KP-21 Primers. Allow proper cure time to prevent shrinkage.
- F. Guide coat your primer with Tempo 827 so when you block sand, your sand scratches or low spots are revealed. Final sand the primer with P400 grit sandpaper.

### 2. PRIMERS

Many bases are susceptible to staining or bleeding from plastic fillers, putties, fiberglass resins and some primers. To prevent staining, strip bare (or to OEM primer) and prime with our KP-2CF Chromate Free Kwikure Epoxy Primer or KP-21 Low VOC Epoxy Primer. ***See tech sheets for more information on KP Primers.***

**NOTE:** OEM (Original Equipment Manufacturer) coatings work well as a base for your paint job.

### 3. FOR EXISTING FINISHES

Surface should be free of wax, grease and foreign materials. Use KC-10 Wax & Grease Remover prior to any sanding. For post-sanding, use our KC-20 to remove any sanding residue for final wash. Sand the surface with P400 grit wet or P320 grit dry with a D.A. Sander (wet is best), and apply 1-2 coats of KO-Seal II (sealer). Let dry for 1 hour before top coating.

**NOTE:** Do not re-coat existing paint finishes in excess of 8 mils, as paint failure can result from excessive film build.

# MB MARBLIZER ARTISTIC BASES

## GENERAL INFORMATION

Marblizer Artistic Bases offer you an exciting new paint finish. A wide range of effects can be achieved using this unique coating, from a deep marble appearance to a snake skin appearance. Many other effects are open to the innovative painter. Use two colors for increased depth or apply Kandys for awesome effects. Marblizers are Universal Base Coats that may simply be cleared for a final finish, or used as a base coat for Kandys. Due to their unique chemistry make-up, they may be top-coated with either acrylic lacquer or urethane enamel. Once a system is chosen (acrylic lacquer or urethane enamel) use only products within that system. Intermixing of these two systems, after base coat, is not recommended. For example, if Marblizer is top-coated with urethane enamel Kandy, it must also be cleared with urethane enamel clear.

## 1. PREPARATION

Read 'TECH PREP' thoroughly before you begin painting. Many bases are susceptible to staining or bleeding from plastic fillers, putties, fiberglass resins and some primers. To prevent staining, strip bare (or to OEM primer) and prime with our KP-2CF Chromate Free Kwikure Epoxy Primer or our KP-21 Kwikure Epoxy Primer. **See tech sheets for more information on KP Primers.**

## 2. GROUND COAT:

- Primer (KP-2CF, KP-21)
- Sealer (KO-SEAL II)
- SHIMRIN® Bases

VEHICLE MUST BE ONE EVEN COLOR BEFORE APPLICATION OF PEARL BASE COAT. Primer or sealer may be used as a ground coat. Use a House of Kolor sealer such as our KO-Seal II (available in three colors). Use a sealer closest to the base color for faster coverage of base coats. Follow label instructions. Allow flash time on sealer. **See tech sheets for more information on Primers and Sealers.**

**NOTE:** Sealer is not a cure-all for poor preparation and does not prevent discoloration or bleeding. The main purpose of the sealer is to increase adhesion of topcoats, to make the object one color (nearest to the base for faster coverage), and to improve color holdout.

You may also use any of our Kosmic Kolor SHIMRIN® Bases: Designer Pearls, Graphic Kolors, Neons, Metallics, etc. for the ground coat. The color of the ground coat will vary the final color. This is an excellent place for creativity. Follow label instructions. Allow flash time on each coat of ground color. **See tech sheets for application instructions.**

## 3. BASE COAT

Marblizer must be applied over a base color. The most dramatic effect is achieved using a House of Kolor black base such as our BC-25 Black or PBC-43 or PBC-100 Black Pearl. Other base colors work also. *We recommend doing your own testing before using other House of Kolor base colors. Always spray a test panel!*

Let base color dry 15 to 30 minutes before applying Marblizer.

## 4. MIXING

- Marblizer (MB)

Marblizer is ready to spray. No mixing required. Stir Marblizer well. Strain into gun. Apply only to an area you will be able to lay Saran Wrap® onto within minutes and remove to achieve the marble look. Too long a wait and Marblizer will dry and consequently must be reapplied. You only have minutes, so on small items, precut the Saran Wrap® and do one item at a time.

## 5. MB-00

### NEUTRAL CLEAR

Add any dry pearl, one ounce per quart to MB-00 to create many new colors.

# MB MARBLIZER ARTISTIC BASES

(continued)

## 6. APPLYING MARBLIZER

Apply Marblizer using a 50% pattern overlap. Air pressure 40 to 50 psi at the gun. 10 psi at nozzle of HVLP. Gun distance 6 inches. **APPLY ONE COAT ONLY.** Don't apply to more area than you can apply the Saran Wrap to before the Marblizer dries.

**NOTE:** Allow Marblizer 1 to 2 minutes dry time before applying Saran Wrap®.

**NOTE:** Other materials may be used to achieve various effect, such as freezer wrap, bubble pack, sponge, tin foil, etc.

For additional depth, try another Marblizer color over the first. Simply wait 15 to 30 minutes and apply another Marblizer, lay on Saran Wrap®, being sure to wipe your hand firmly over the entire area you wish to marblize, remove the Saran Wrap®.

**MARBLIZER FLASH TEST - MARBLIZER BASES WILL DRY DULL AND SHOULD FEEL DRY TO THE TOUCH BEFORE THE NEXT COAT IS APPLIED.** Monitor religiously for maximum merging of coats.

### **FOR LACQUER TOP COATS:**

After you have achieved your desired artistic effects, allow Marblizer to dry 30 minutes at 21°C, before applying lacquer Kandy or clear topcoats.

### **FOR URETHANE TOP COATS:**

After you have achieved your desired artistic effects, allow Marblizer to dry 30 minutes at 21°C, then apply either SG-100 Intercoat Clear or AP-01 Adhereto Adhesion Promoter.

**SG-100 Intercoat Clear** - Apply 1 or 2 coats of SG-100 thinned 50%, if artwork is planned or for adhesion. Allow 15 minutes dry time for the SG-100, and then begin urethane Kandy or clear top coats. See tech sheet 12.0 for more information on SG-100.

**AP-01 ADHERETO** -If no artwork is planned, AP-01 may be used in place of the SG-100. Apply 1 medium coat of AP-01 and begin topcoats immediately. **See tech sheet for more information on AP-01.**

**NOTE: YOU MUST APPLY EITHER SG-100 OR AP-01 ADHERETO OVER THE MARBLIZER FOR URETHANE TOP COATS.** Under no circumstances should this step be overlooked as delamination of your urethane from the Marblizer is eminent.

## 7. KANDY COAT

(Optional)

Marblizers may be Kanded with either acrylic lacquer or urethane enamel. Remember if you Kandy with acrylic lacquer, you must also clear with acrylic lacquer. (If you Kandy with urethane enamel, you must also clear with urethane enamel). For more information consult Kustom Painting Secrets (book or video). **See tech sheets for Kandy application.**

## 8. CLEAR COAT

**MARBLIZER MUST BE CLEAR-COATED** (with either urethane enamel or acrylic lacquer). Once a system is chosen, after the base coat, stay with that system. Always use House of Kolor clears. **See tech sheets for more information on clear coat application.**