

# 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 70°F.**

## 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.

# U KOSMIC KOLOR®

## URETHANE STRIPING & LETTERING ENAMEL

### GENERAL INFORMATION

Our Striping & Lettering Enamel is designed for striping, lettering and airbrush artwork. It features high pigmentation, low solids for a minimal edge and long open time. Apply over existing finishes or topcoat with clear for a smooth, durable finish. Our Striping & Lettering Enamel may be top coated with acrylic lacquer, urethane enamel, acrylic enamel and alkyd enamel.

### 1. PREPARATION

Remove all traces of wax, silicone, grease, dirt, etc. If finish is oxidized or dull, polish before striping is begun. If overall clear coats are required, color sand with P1000 grit wet sandpaper. **See tech sheet for color sanding instructions.**

### 2. MIXING & APPLYING STRIPING & LETTERING ENAMEL

Stir the color to be used. Deposit 1 or 2 brush loads of paint onto the palette. Use U-00 Reducer to maintain proper consistency. Simply add a small amount to a shot glass, dip your brush into the reducer and add to the mixture on your palette. Brush back and forth a few times, then begin your artwork. As the paint is used, add more to your palette by the brush full.

**CAUTION: Do final wipe down with water only. Wash solvents will remove the artwork.**

Clean your brush with U-00 Reducer or lacquer thinner, then oil for storage.

Allow artwork to dry 1 to 4 hours (depending on shop conditions) before applying clear coats.

### 3. STRIPING CLEAR UC-3

UC-3 is a clear Striping & Lettering Urethane that can be added to the striping colors to reduce tint strength. UC-3, when catalyzed, can be used to topcoat by brush the Neons or other colors to add gloss and chemical resistance.

**UC-3 Clear Catalyzed Mixing Ratio:** 4 parts UC-3 Clear to 1 part KU-200 Catalyst. Some reducer may be added (RU-310 or RU-311) to reduce viscosity.

**CAUTION: TOO WET A FIRST COAT OF CLEAR OR NOT ENOUGH DRY TIME BETWEEN COATS MAY MOVE THE ART - USE CARE AND DO NOT RUSH!** *Monitor your coats religiously for maximum merging of coats.*

### 4. APPLYING GOLD LEAF

#### Gold Leafing

U-5 IMITATION GOLD (striping enamel) makes an excellent sizing for applying gold or variegated gold leaf. Mix 4 parts U-5 striping enamel with 1 part KU-200 catalyst. Apply U-5 with brush, let set until sticky (20-30 minutes), apply gold leaf and allow to dry overnight. Brush away excess outline and clear with catalyzed UC-3 Clear, or topcoat clear the complete part with any of our Kosmic Klears.

### 5. IMPORTANT INFORMATION

#### WHEN STRIPING OVER FINAL FINISHES:

Mix Striping & Lettering Enamel with KU-200 Catalyst. Follow label instructions. The catalyst adds gloss and chemical resistance so clear coats are not necessary.

Mixing Ratio - Striping Colors: 8 parts paint to 1 part KU-200 Catalyst.

Mixing Ratio - UC-3 Clear: 4 parts UC-3 Clear to 1 part KU-200 Catalyst.

**NOTE:** Use only KU-200 Catalyst with our Urethane Striping & Lettering Enamels.

**NOTE:** KU-200 Catalyst is moisture sensitive and will not keep for long periods once open. Keep container tightly sealed. Clean the catalyst container pour spout by wiping the threads with reducer for easy opening.

#### WHEN TOP COATING ARTWORK WITH CLEAR:

No catalyst is required. Striping & Lettering Enamel will dry in 1-4 hours for clear coats.

**NOTE:** When using Striping & Lettering Enamel for artwork or murals, it is a good idea to use the KU-200

# U KOSMIC KOLOR® URETHANE STRIPING & LETTERING ENAMEL (continued)

Catalyst for faster dry times and no tape marks.

## **FOR AIRBRUSH ARTWORK:**

For airbrushing with Striping & Lettering Enamel, reduce 100-150% with RU-310 Fast Dry Reducer for good sprayability and rapid dry times. In warmer weather, use RU-311. Strain through a fine strainer.

## **FOR ARTWORK ON SHIMRIN® METALLIC OR PEARL BASE COATS:**

Apply 1 or 2 coats of SG-100 Intercoat Clear (for urethane enamel topcoats) or C-1 Kustom Clear (for Acrylic Lacquer topcoats) before artwork is Applied. DO NOT ATTEMPT TO STRIPE DIRECTLY ONTO THE SHIMRIN® METALLIC OR PEARL BASE COAT.

## **6. REMOVING MISTAPES**

### **Urethane Enamel Finishes:**

Wipe with U-00 or RU-310 Reducer using hard pressure and a clean spot on the rag. Carefully check the area to be sure no residual paint film remains.

**CAUTION:** Base coats will be removed with reducers unless they have been cleared with a topcoat clear. Base coats do not have any chemical resistance until cleared. Final wash solvents and reducers will remove base coats. Use care not to wipe away your artwork.

On extensive art jobs, we recommend applying 2 coats of urethane clear (before applying the artwork). The following day, color sand with P1000 grit wet, then pinstripe or airbrush the artwork. This allows mistakes to be easily removed with acetone.

### **Acrylic Lacquer Finishes:**

Remove mistakes with a final wash solvent. Some reducers may work also. Test in an inconspicuous spot before using. Use firm pressure and make sure no residual paint film remains.

## **7. CLEARING OVER FINAL ARTWORK**

### **Urethane Enamel Finishes:**

When clearing over artwork, adjust the gun and bring the clear on slowly to prevent sliding of artwork.

**NOTE:** Applying the clear too wet may cause the artwork to slide or run.

### **Acrylic Lacquer Finishes:**

When applying clear coats over artwork or striping, begin with medium coats, to prevent sliding of artwork. Allow flash time between coats.

## **ADDITIONAL INFORMATION**

Provide adequate ventilation when mixing and airbrushing. Avoid breathing fumes and skin contact with KU-200 Catalyst.