

# 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 70°F.**

### **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**

(601) 798-4229

# 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 320- 400 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 320-400 grit wet or 240-320 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.

# KG KOSMIC-GLO®

## PHOSPHORESCENT GLOW-IN-THE-DARK POWDERS

### GENERAL INFORMATION

Depending on use and sun exposure, light fastness on some colors will be limited. The glow effect continues even if the color fades. The KG-00 is the primary color and will provide the best glow and color retention when applied over a white base. Use KG-01 through KG-07 with discretion - even though the color may change with time and exposure, the Glow-in-the-Dark feature remains for a long time.

Kosmic-Glo® is provided in 4 oz. jars of dry powder. (Bulk prices available on request.)

### IMPORTANT NOTE

**DANGER - DO NOT MIX KOSMIC-GLO® WITH ACID OR WATER!** *Kosmic-Glo® is not recommended for overall refinishing.*

### 1. BASE COAT

Maximum glow occurs when Kosmic-Glo® is applied over a white base. We recommend using our SHIMRIN® BC-26 White as a base or KO-SEAL II KS-10 or KS 210. Other colors/bases (such as Pearls, Kandys, Neons, Solid Colors, etc.) may be used for unusual effects, but glow time will be less.

### 2. MIXING KOSMIC-GLO®

Add 4 to 6 oz. of Kosmic-Glo® dry powder to 1 pint of ready to spray clear. Mix thoroughly. Mix only when ready to use. Stir between coats as setting occurs quickly. Spray immediately after mixing as this product may not store well when mixed.

**NOTE:** An agitator cup can help keep product mixed during spraying.

#### For Urethane Finishes:

Our SG-100 Intercoat Clear works well for mixing the Kosmic-Glo® pigment. Topcoat with our UC-1 Kosmic Klear, UC-35 Kosmic Klear, UFC-1 Polyurethane Flo-Klear, UFC-19 Komply Klear or UFC-35 Flo-Klear.

#### For Lacquer Finishes:

Mix the Kosmic-Glo® pigment with our C-1 Lacquer Clear and then topcoat with either our C-1 Lacquer Clear or SC-1 Sunscreen Clear.

### 3. APPLYING KOSMIC-GLO®

Apply 3 coats using a 75% pattern overlap when spraying. Allow plenty of flash time between coats. Clear with a compatible clear. For best glow time, apply over a white base.

### 4. GLOW TIME

Maximum excitation for Kosmic-Glo® is UV light (both long and short), daylight and artificial light (tungsten and fluorescent lamps). Sodium vapor or I.R. light sources are unsuitable.

Glow time will vary based on application, base color and light exposure. Maximum glow time is 15 to 45 minutes, based on the intensity of the excitation energy.