

# 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.

# AP-01 & AP-02 ADHERE TO™ ADHESION PROMOTER

## GENERAL INFORMATION

ADHERE TO Adhesion Promoters are designed to create a bond between a substrate and a coating. Apply ADHERE TO before applying topcoats to ensure proper adhesion of automotive paint to: plastics, brass, aluminum, metal, chrome, or a variety of other surfaces. ADHERE TO is easy to use and dries in minutes. Ready to spray right out of the can (no reduction required). Clear in color.

### ADHERE TO is available in two formulas:

**AP-01** is designed to use when top coating Polypropylene, TPO (Thermoplastic Polypropylene), Polypropylene/elastomer blends, other plastics, aluminum, steel, brass and other metals.

**AP-02** is designed for Polyethylene only.

## 1. PREPARATION

Clean substrate of all contamination, such as dirt, oil, grease and mold release agents, with isopropyl alcohol/detergent or other appropriate cleaning solutions. Dry thoroughly after cleaning.

## 2. APPLYING ADHERE TO (AP)

ADHERE TO AP-01 and AP-02 are ready to spray as packaged, no reduction is needed. Apply ADHERE TO with a dry film thickness of 0.1 to 0.2 mils by spraying, wiping or other means. Equals one medium coat.

**WARNING:** Proper coat thickness is critical for good adhesion properties. With adhesion promoters, more is not better. Carefully monitor coat thickness.

Topcoats may be applied immediately after the ADHERE TO coat has dried, usually within 2 to 3 minutes at temperatures 21°C or above. ADHERE TO acts as a clear adhesive primer providing a bond for topcoats.

## 3. CLEAN UP

Clean equipment thoroughly with thinner.