

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.

KBC SHIMRIN® KANDY BASECOATS

GENERAL INFORMATION

Kandy Base Coats are a mixture of Kandy and select Pearls into a SHIMRIN® Universal Base Coat that mimics a Kandy finish. They feature low build, fewer coats, are easy to apply, and touch ups are easier than ever. Available in the same great 20 colors as our regular 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 the base coat, is not recommended.*

IMPORTANT INFORMATION ABOUT KBC'S

The following KBC's have a tendency to bleed through art work applied over them. Always use our Bleed Check Sealer SBS-10 before any artwork is applied. **See tech sheet for more information on Bleed Check Sealer.** A catalyzed clear coat will NOT stop their tendency to bleed.

The KBC products are: KBC-03, KBC-05, KBC-06, KBC-10, and KBC-13.

IMPORTANT INFORMATION ABOUT KBC-18 KANDY BASECOAT PINK

KBC-18 Kandy Basecoat Pink has limited light fastness and should only be used on products that have limited exposure to sunlight. Use with discretion. KBC-18 is recommended for show vehicles.

1. PREPARATION

Read 'TECH PREP' thoroughly before you begin painting. SHIMRIN® Kandy Base Coats are very 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.**

NOTE: Many KBC's are bleeders. Therefore, you must apply 2 coats of UC-1 Clear or UC-35 Kosmic Klear and allow to dry for 12 hours OR you must apply 2 coats of UFC-35 Flo-Klear or UFC-19 Kosmic Klear and allow to dry for 24 hours. Wet sand with 500 before continuing with artwork.

2. GROUND COAT

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

VEHICLE MUST BE ONE EVEN COLOR BEFORE APPLICATION OF BASECOAT.

Primers and sealers may be used as a ground coat.

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.

3. BASE COLOR

Use BC-25 Black or any of our prescribed SHIMRIN® bases as a base color. The color of this base coat will vary the final Kandy color. Lighter bases may show blotching. Follow label instructions. *Allow flash time on each coat of color. Don't use a full trigger pull, adjust your gun to a 5" pattern, 5" from the gun and apply using 75% pattern overlap.*

4. MIXING SHIMRIN®

Stir SHIMRIN® Kandy base coat well. Reduce 50% (2 parts paint to 1 part reducer). Mix well.

REDUCE ONLY WITH OUR KOSMIC REDUCERS. Use the reducer best suited to your shop temperature.

See tech sheet for more information on reducers.

NOTE: Use RU-300 VOC Exempt Reducer in VOC regulated areas. Additional reducer is acceptable.

KBC SHIMRIN® KANDY BASECOATS

(continued)

5. APPLYING SHIMRIN® KANDY BASE COATS

Strain the paint into the paint gun. Air pressure 45-55 at the gun. 10 psi at nozzle of HVLP. Gun distance while spraying should be 6 inches or less. Apply 3-5 medium coats with 75% pattern overlap. Walk long objects. Allow flash time between coats. Kandy base coats will dry dull.

SHIMRIN® FLASH TEST - ALL SHIMRIN® BASES WILL DRY DULL AND FEEL DRY TO THE TOUCH.
Monitor religiously for maximum merging of coats.

Allow dry time before Kandy or clear is applied (usually) about 15 to 30 minutes and not longer than 12 hours. Topcoat within 12 hours for art work over KBC. (See Step 6.)

6. ARTWORK & CLEARS (Optional)

SHIMRIN® Kandy Base Coats are an excellent choice for artwork paint jobs. If artwork is planned: after the last coat of Kandy Base Coat has flashed, apply 2 to 3 medium coats of UC-1, UC-35, UFC-19 or UFC-35 Clear (for urethane enamel topcoats) or C-1 Kustom Clear (for acrylic lacquer topcoats). The clear coat will protect the SHIMRIN® Base from tape marks and mistakes.

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For all other KBC's to prevent bleeding of colors applied over Kandy Base Coats, use one of our catalyzed Kosmic or Komply Klears. Let dry 12 hours if UC-1 or UC-35 is used OR let dry 24 hours if UFC-19 or UFC-35 is used. Wet sand with 500 grit and then proceed with artwork.

7. CLEAR COAT

ALL SHIMRIN® KANDY BASECOATS 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.**

ADDITIONAL INFORMATION

SHIMRIN® Kandy Base Coats may be intermixed for hundreds of color combinations. The possibilities are endless. Create your own one-of-a-kind custom finish.