

## GENERAL INFORMATION

- UBC 825 Mid-Coat Clear is designed as a protective clear for artwork tape outs on Custom Shop Base Coats.
- **USE ONLY WHEN TOP COATING WITH URETHANE ENAMEL.** UBC 825 Mid-Coat Clear prevents the tape from marking or pulling the metallic and splitting when top coated, providing a minimum of medium coats only has been applied.
- Do your art tape outs, spray, and remove tape as soon as possible to reduce tape marks and adhesive tracks.
- UBC 825 Mid-Coat Clear may be used to blend Custom Shop Pearl and Metallic Base Coats, to mix Pearl and Kandy Koncentrates, and to cut the Custom Shop Base for touch-ups and blends.

**NOTE:** When top coating with lacquer, use acrylic lacquer clear in place of UBC 825, for base coat protection on artwork tape outs.

### IMPORTANT NOTE:

**DO NOT USE UBC 825 AS A TOPCOAT CLEAR!** UBC 825 is designed to protect base coats for artwork tape outs and blends only. It contains no sunscreen ingredients or weathering properties.

**DO NOT USE UBC 825 AS A BUILD-UP CLEAR.** Do not apply more than 4 medium coats of UBC 825 as splitting may occur. If over reduced, more coats are acceptable.

**NOTE:** Do not apply UBC 825 over catalyzed urethane enamel products, such as our KKU Katalyzed Kandy Urethane and KC Urethane Clears

### 1. MIXING UBC 825 Mid-Coat Clear

Stir UBC 825 prior to use, as a separation of ingredients will occur. Mix 2 parts UBC 825 Mid-Coat Clear with 1 part Custom Shop Reducer. Use fast drying reducer KR-60, or as fast a dry as your conditions allow. No catalyst required. *See tech sheet for more information on reducers.*

**NOTE:** Maximum recommended over reduction is 1 part UBC 825 to 1 part reducer. This ratio is always used when Custom Shop Kandys or Pearls are added to UBC 825.

### 2. APPLYING UBC 825 Mid-Coat Clear

- Apply 1 or 2 medium coats of UBC 825 Mid-Coat Clear after the last coat of Custom Shop base has flashed dull, with 50% spray pattern overlap.
- Gun distance while spraying should be approximately 6 inches.
- Air pressure at the gun should be 40-50 psi, 10 psi at nozzle of HVLP.
- Allow flash time between coats and approximately 1 hour before taping (tape time will vary with weather and shop conditions).
- In many instances UBC 825 may be taped in less than 30 minutes.

- Always allow flash time between coats

**UBC 825 FLASH TEST - UBC 825 WILL DRY TO A SEMI-GLOSS AND FEEL DRY TO THE TOUCH.**

**NOTE:** DO NOT APPLY MORE THAN 4 COATS OF UBC 825. It is not designed for hi-build.

**NOTE:** If 12 hours of dry time has elapsed, lightly sand with 400-500 grit wet sandpaper to insure proper adhesion of topcoats.

Do artwork with a minimum of tape contact and remove quickly for topcoats. *Although we have let hours elapse on many jobs without a problem, common sense tells us that topcoats will merge better if the base is somewhat less than dry.*

### **3. TOUCH UP & BLENDS**

UBC 825 Mid-Coat Clear may also be used to blend Custom Shop Pearl and Metallic Base Coats. Apply 1 medium coat of UBC 825 beyond the blend point. Metallics will not darken as they normally would at the blend. Then simply topcoat with any of our Custom Shop clears.

**NOTE:** UBC 825 may also be added to Custom Shop Bases for undetectable blends on touch ups.

### **4. KANDYS**

UBC 825 Mid-Coat Clear may also be used to make low solid Kandys by mixing any of our Kandy Koncentrates with UBC 825. Excellent when many Kandy tape outs are required under urethane topcoats. Perfect for small parts or graphics when speed is a factor. *This method is actually faster than lacquer. See tech sheet for more information on using Kandy Koncentrates.*

### **5. PEARLS**

UBC 825 may also be used to make Pearls. Double the amount of reducer in the UBC 825 for Pearls.

- Mix 1 part UBC 825 to 1 part reducer.
- **When using dry pearl**, begin with 1/2 teaspoon of dry pearl per mixed quart.
- **When using pearl paste**, begin with 1/4 teaspoon of pearl paste per mixed quart.

These mixtures are designed as starting points for light colored bases. Darker bases may require much less pearl, depending on the effect required and expertise.

**NOTE:** Do not add too much pearl as clouding, mottling, streaking and bunching from too much pearl can occur. Pearl platelets must have room to sparkle. Overcrowding reduces their effect and increases the chance of mottling and streaking.

As with Kandys, use a 75 spray pattern overlap. Do not apply more than 4 coats. *See tech sheet for more information on the use of pearl concentrates.*

### **UBC 825 Mid-Coat Clear**



**UBC 825 Mid-Coat Clear** is a great inter-coat basecoat clear for protecting artwork but it also works great as a carrier for spraying Flakes and Pearls by allowing the flakes and pearls to lay down smoothly and lock into place without drifting.