



## **SERIES 8500 LITHO FOR PLASTIC (85-000)**

### **PRODUCT DESCRIPTION**

Kolorcure's Series 8500 UV curable Lithographic inks have been formulated to provide excellent adhesion to various papers and a wide range of plastic and vinyl substrates. This series will exhibit excellent color strength as a result of the high pigmentation, superior printability and great transfer properties of the ink. Series 8500 is ideal for long print runs, process work, and extremely fine copy or reverses.

### **PRODUCT FEATURES**

- Low Odor
- High Gloss
- Chemical and Rub Resistance
- Excellent Printability at High Speeds
- Lightfast Colors Available

### **COLORS AVAILABLE**

Kolorcure offers four-color process inks, and a full line of Pantone® mixing colors

Kolorcure also offers press ready, single component, metallic silver and golds. These inks have been formulated to provide the ultimate in metallic brilliance and luster.

### **RECOMMENDED SUBSTRATES**

Kolorcure's Series 8500 is designed to print on Polypropylene, Polyethylene, Polystyrene, Polyvinyl, Polycarbonate, Polyester, and Paper. Special formulations are available for other difficult substrates.

Pretest for adhesion to all substrates prior to production printing, as well as, other properties to determine suitability.

### **DIRECTIONS FOR USE**

Kolorcure's UV curable lithographic inks are compatible with all plates, blankets and rollers designed to work with UV based chemistry.

- The best blanket and roller cover material for UV printing is EPDM.
- Fountain solutions and/or alcohol substitutes that are free of additives in the ethylene glycol family are recommended.
- A deep grained plate will give you more latitude and trouble free printing compared to a smooth plate.

**P  
R  
O  
D  
U  
C  
T  
D  
A  
T  
A  
S  
H  
E  
E  
T**

## **CURING AND CURING EQUIPMENT**

Series 8500 Lithographic inks cure upon brief exposure to a focused, high intensity ultraviolet light source. A standard 200/300-watt per inch medium pressure mercury vapor lamp should be used.

Kolorcure recommends tack-graded inks for wet trapping while uni-tack inks can be used for interstation drying.

## **STORAGE AND HANDLING**

All KOLORCURE photopolymer inks and coatings should be stored in a cool dry area: 80°F (27°C) or below. Keep these inks and coatings away from direct sun light and indirect white light. Do not use these inks and coatings in areas having fluorescent lights overhead. Keep these inks and coatings away from internal heat sources.

## **SPECIAL NOTES**

All UV inks and coatings are sensitive to contamination. Use only new screens or those previously used for UV printing. Do not add any conventional ink or solvents to the inks. They are most likely not compatible and will destroy all properties.

## **WARNING**

The use of goggles, gloves, and protective clothing is recommended. Avoid prolonged breathing of vapors. Contact of liquid material with the skin may be irritating; wash exposed area thoroughly with soap and water. Contact of liquid with the eyes may cause injury – effects may be delayed; flush eyes with large amounts of water for 15 minutes and call a physician. Like most polymers, the properly –cured resins are considered largely inert.

“Based on our experience, we believe the above information is accurate, but we offer no guarantee as to the use or application of our products or of this information. We warrant our products to be free from defects in material and workmanship; but because their use is beyond our control, we accept no responsibility of liability for damages, whether direct, indirect, or consequential, resulting from failure in performance. In cases where our products are found to be defective in material and workmanship, our liability is limited to the purchase price of the products found to be defective. THIS WARRANTY IS TO THE EXCLUSION OF ALL OTHER WARRANTIES OR GUARANTEES, EXPRESSED OR IMPLIED, AS TO MERCHANTABILITY, FITNESS FOR ANY PARTICULAR PURPOSE, DESCRIPTION, PRODUCTIVENESS OR ANY OTHER MATTER. None of the above information may be construed as recommendation that our products be used in violation of any rights. We accept our orders at our shipping points only on the basis of the above understanding which our employees have no authority to vary.”