

Technical Data Sheet

Adhesion Promoters (8210, 8350, 8622)

KOLORCURE® Adhesion Promoters are designed to improve product performance on difficult substrates. There are several different Adhesion Promoters listed below which aid the proper ink to get better adhesion to the appropriate substrate.

While KOLORCURE screen inks and coatings are supplied “ready to use” substrate conditions sometimes change and the addition of the Adhesion Promoters may be required.

Directions for Use

Adhesion Promoter #8210

A general purpose additive which will improve adhesion when used at 10-20% by weight.

Adhesion Catalyst #8622

Add 1-2% to inks to improve adhesion to plastics.

Series II Adhesion Promoter #8350

Add 10-20% to inks to improve adhesion and intercoat adhesion on difficult substrates.

Special Notes

KOLORCURE additives become an integral part of the cured ink or coating film. The use of excessive amounts of these products may affect cure speed, flexibility, or adhesion. Once the KOLORCURE screen ink or coating has had an additive added, the user should verify that the product still performs to their satisfaction.

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.

Handling

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 ink with the eyes may cause injury – effects may be delayed; flush eyes with large amounts of water for 15 minutes and call a physician. Consult the applicable Safety Data Sheet (SDS) for further instructions and warnings.

Storage

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. When stored under recommended conditions, shelf life is expected to be 6 months from date of manufacture.

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. User bears sole responsibility in selecting the appropriate product for their end-use requirements. User is also responsible for testing to determine the selected product will perform during the printed item's entire life-cycle. 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.