

Technical Data Sheet

Kolorjet Metal & Glass Primer (KJ-8214)

A specially formulated blend of organic and inorganic substances in a water/alcohol medium.

Substrates

- Metal
- Glass

Substrate recommendations are based on commonly available materials intended for the ink's specific market when the inks are processed according to this technical data. While technical information and advice on the use of this product is provided in good faith, the User bears sole responsibility for selecting the appropriate product for their end-use requirements. Reference the 'Quality Statement' at the end of this document.

Physical & Chemical Properties

Appearance: Clear Amber Liquid

Odor: Alcohol-like

Flash Point: 79°F (26°C)

Boiling Point: Not available

Evaporation Rate: Not available

Vapor Pressure: 57.3 hPa at 20°C

Vapor Density: 1.6 (Air = 1.0)

Relative Density (g/mL): 0.78 – 0.8

Solubility in Water: Soluble

Directions for Use

Do not add to ink, use as a primer only. A clean dry surface is preferred for superior adhesion.

Apply by dipping, brushing, wiping, or via controlled spraying for minimal film thickness. Dry the primer quickly by using forced air or heating for one minute or less.

Printing

After the primer is completely dry, you can print Kolorcure UV curable inks onto the primed substrate and expect to get excellent adhesion and moisture resistance.

Handling

Highly flammable liquid and vapor. Keep away from heat, hot surfaces, sparks, open flames and other ignition sources. Keep container tightly closed. Ground and bond container and receiving equipment. Use explosion-proof equipment. Use non-sparking tools. Take action to prevent static discharges. Wear protective gloves, protective clothing, and eye protection.

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 internal heat sources. Keep away 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.