

Specialty Products VINYL/STYRENE INKS

(PAD PRINT OR SCREEN PRINT)

*IT07
(3/10)*

- Product Type:** Modified vinyl or vinyl/acrylic copolymers.
- Printing Method:** Pad or screen printing, depending on diluents and diluted viscosity.
- Suggested Uses:** Although designed specifically for printing applications with minimal food contact or children's toy requirements, these inks may be used for a wide variety of (irregularly shaped) industrial products. Can be used on sheets, films, and hi-impact forms of PVC, polystyrene, ABS, polyurethane, and acrylics as well as polycarbonate (LEXAN®).
- Specific Characteristics:** A one-part, air-dry (heat assist) alcohol and detergent resistant system exhibiting excellent adhesion to the aforementioned substrates.
- Equipment Requirements:** *Pad Print:* Compatible with all types of pad print equipment providing the pads are of elastomeric materials resistant to ketone and ester solvents.
Screen Print: Screens and squeegees should be made from ketone and ester resistant materials. Mesh size dependent on print and end-use requirements.
- Additives and Diluents*:** The following solvents and blends are intended only as a guide. Other diluents and/or ratios may be better suited for your specific application. For additional assistance contact our Technical Service Department.
- Normal: 100% Ethyl Lactate;
- Fast: 100% Methyl Isobutyl Ketone (MIBK);
- Slow: 75% Ethyl Lactate, 25% Butyl Carbitol® (Butoxy Diethylene Glycol).
- Wash-Up:** Ketones (Methyl Isobutyl Ketone or Methyl Isoamyl Ketone) and/or Ethyl Lactate are recommended.
- Color Availability:** Process colors, black, and white. Matched colors may be available but are subject to minimum order requirements.
- Shelf Life:** Minimum one year in unopened containers.
- Safety*:** All components used in our specialty product inks are sanctioned by the FDA and USDA as acceptable for indirect food contact applications. Additionally, these inks comply with the Consumer Product Safety Commission, Title 16 CFR, Sections 1500.17 (a) and 1500.18 with regard to lead and other heavy metals described therein. They also meet the safety specifications of US ASTM F 963 and European EN 71.

* NOTE: Minimal contact compliance is based on ink as supplied or diluted as indicated in this bulletin.

No other materials should be added unless specifically recommended by Colorcon