

## Specialty Products VINYL/STYRENE INKS

(PAD PRINT OR SCREEN PRINT)

IT07  
(08/14)

- 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, SABIC Innovative Plastics, NL)
- 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 (Dow Chemical, USA) (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



For more information, contact your Colorcon representative or call 1-800-724-0624  
You can also visit our website at <http://www.colorcon.com/notox>

©BPSI Holdings LLC, 2014

The information contained in this document is proprietary to Colorcon Inc. and may not be used or disseminated inappropriately.  
All trademarks, except where noted, are property of BPSI Holdings, LLC.

The information contained herein, to the best of Colorcon Inc.'s knowledge, is true and accurate. Any recommendations or suggestions of Colorcon Inc. with regard to the products provided by Colorcon Inc. are made without warranty, either implied or expressed, because of the variations in methods, conditions and equipment which may be used in commercially processing the products, and no such warranties are made for the suitability of the products for any applications that you may have disclosed. Colorcon Inc. shall not be liable for loss of profit or for incidental, special or consequential loss or damages. The information contained in this document is not intended as legal advice, and should not be relied upon for that purpose. Any regulatory information provided is intended solely as initial general guidance. Each customer is responsible for determining the regulatory acceptability of the use of the product in their specific application.