

Specialty Product LITHOSAFE® SHEETFED INKS

(LETTERPRESS AND OFFSET LITHOGRAPHY)

IT08
(3/10)

- Product Type:** Modified oleoresinous oxidation drying
- Printing Method:** All standard letterpress and offset lithographic presses with conventional dampening systems. Not recommended for small duplicator presses having integrated dampening systems.
- Suggested Uses:** Ideally suited for minimal or indirect food contact applications including external food packaging, toy packaging, or any application requiring very low lead and heavy metal content are ideal candidates for LITHOSAFE® offset inks.
- Stocks:** Acceptable for most uncoated and coated paper and board stocks, including SBS, enamels, bond, and parchment as well as some plastic stocks. A one-part, air-dry (heat assist) alcohol and detergent resistant system exhibiting excellent adhesion to the aforementioned substrates.
- Plates and Rollers:** All types of standard letterpress and lithographic plates and rollers may be used.
- Fountain Solutions:** Compatible with most conventional fountain solutions, including alcohol, alcohol modified or alcohol-free types.
- Additives and Diluents**:** Lithosafe offset inks are normally supplied at optimum tack and viscosity for most printing conditions. High boiling hydrotreated petroleum middle distillates (such as Magisol® 47 or Magisol® 52) may be used to reduce tack or body if necessary.
- Wash-Up:** Standard press washes are acceptable. Press parts should be thoroughly dried after cleaning.
- Color Availability:** Provided in standard PANTONE®* base system colors, including process colors. Contact our Technical Service Department for assistance when attempting to blend and match.
- Shelf Life:** Minimum two years in unopened containers.
- Safety**:** All components in Lithosafe Inks are sanctioned by FDA and USDA as acceptable for minimal food contact applications.

*PANTONE, Inc.'s check-standard trademark for color reproduction and color reproduction materials.

**NOTE: FDA/USDA acceptability is based on LITHOSAFE ink as supplied. Thus, no material should be added to these inks other than those indicated in this bulletin unless specifically recommended by Colorcon.