



BRADEN SUTPHIN
I N K C O M P A N Y

THE COLOR OF LEADERSHIP
SHEETFED | HEATSET | FLEXO

UV FLEXO INKS – LOW ODOR

PRODUCT APPLICATION

The Low Odor UV Flexographic inks are designed for films and some papers throughout a wide anilox range of 200 through 1500. Flexible curing parameters can be adjusted for the desired ink film thickness, press speeds, bulb selection, and energy level. An excellent UV opaque white is suggested as a base on film for subsequent color enhancement. Pre-testing is recommended to determine the highest processing speeds possible for a complete cure.

PRODUCT FEATURES

- *Low odor and viscosity*
- *Great adhesion*
- *High gloss*
- *Abrasion resistant*
- *Fast cure*
- *HDODA, silicone and wax free*
- *Non-thixotropic*

PRODUCT BENEFITS

The Low Odor UV Flexographic inks are designed for the packaging industry and require a **minimal pressman interaction**. The inks **reduce hazardous odor emissions** in the shop environment. The adhesion is fast and hard with vivid imagery that contributes to **improved product presentation**.

TECHNICAL INFORMATION

Curing: UV Flexo inks only cure with UV light at the proper wavelength. Cure speeds are dependent on many variables including press speed, substrate, ink density and deposit, bulb type, and energy level. Trial is mandatory to receive desired results.

Adhesion: UV Flexo inks will post-cure so maximum adhesion, abrasion resistance, and chemical resistance will be achieved in 24 hours. Further enhancements can always be extended through various additives and promoters if desired.

Shelf Life: Inks should be stored at room temperature with used inks stored in a separate opaque polyethylene container to avoid contamination.

Cleaning: Although certain UV cleaners require gloves, we have a water-based cleaner that is excellent for people that do not prefer to use gloves. However, this cleaner should not be used on plates.

Colors: Bases, metallic, phosphorescent, fluorescent, pearlescent, and customs are available.

Specialties: The following anilox is recommended for the following one part systems: Metallic Inks – 360; Phosphorescent Inks – 440; Fluorescent Inks – 360; Pearl – 440.

Pre-testing on actual substrate is always recommended.

Due to variations in stocks and other variables inherent in the printing process that are beyond the control of the ink maker, we cannot assume any responsibility for the final outcome of the printed job.

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Disclaimer: The technical information presented on our data sheets is correct to the best of our knowledge. We recommend the product be tested before application. Final determination for the performance is the sole responsibility of the user. The data presented is not to be interpreted as a warranty or guarantee as conditions of application could affect performance.

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Contact Braden Sutphin today at 1.800.289.6872 or visit www.bsink.com to find the location nearest you, place an order or for more information on products and services.