



# INX<sup>®</sup> Green Products

INX International is committed to formulating environment friendly products that deliver unsurpassed performance and quality while minimizing the negative impact to the environment. Providing sustainable product solutions and environmental stewardship have always been part of our core values and strategic direction. We identify and utilize the best-available technology that is both environment friendly and economically viable to meet customer requirements. Printed matter containing INX inks can be incorporated into recycling programs. Our Environment Friendly Product Solutions include:

## Sheetfed Offset Inks

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Inks formulated to reduce petroleum oil and replace with naturally replenishable vegetable oils such as soy and to minimize the emissions of Volatile Organic Compounds. All of our Sheetfed inks carry the INX Environment Friendly Stamp and contain soy and other vegetable oils. **EcoPure<sup>®</sup> HPJ SOY** is a high quality quickset ink that qualifies for the ASA Soy Seal Logo and **DiaTech<sup>™</sup> SF2** serves as INX' Low VOC system unsurpassed for press stability and print quality.

## Web Offset Inks

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Our **ColorTrac<sup>™</sup>** line of Weboffset inks offer the best performance for high-speed web applications. **ColorTrac SS** and **FormsPro<sup>™</sup>** qualify for the ASA Soy Seal Logo and **ColorTrac No Heat** serves as INX' low VOC system. With **ColorTrac LoTemp** printers can witness a potential energy savings of 15-20% depending on actual press conditions.

## Flexographic Inks

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Our **INXspense<sup>™</sup> 23 Series** of water based dispersions are VOC – well under 1% - with no HAPS (Hazardous Air Pollutants) or added SARA reportable materials other than ammonia. **Versatech<sup>™</sup>** inks for film substrates are available with less than 1% VOC. Most INX water inks for paper substrates are “Soy Compatible” allowing the addition of Soy Varnish as needed for Soy Seal status. **Sph Plus** process inks provide the densities needed for printing with ultra fine line anilox rolls with minimum energy for drying needed. And, INX continues to be the leader in dispenser technology – the most energy efficient ink delivery mechanism with a greatly reduced carbon footprint compared to piecemeal supply of pre-blended inks.

## Gravure Inks

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Our **INXspense<sup>™</sup> 23 Series** of water based dispersions can be used for gravure printing applications as well. In addition to being low in VOC, they are high in pigment loading which allows for lower ink film coat weight and reduces overall energy required to dry the printed product. INX **RotoFlex<sup>™</sup> G** line of solvent dispersions relies on a similar concept of strong base dispersions which can allow for reduced ink film thickness. This in turn reduces heat needed to dry the substrate, and the amount of VOC needing capture or incineration.





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## Metal Decorating Inks

**INX AP LoVOC** inks are formulated with the lowest VOCs for 2-piece beverage can inks and are free of Hazardous Air Pollutants (HAPS). In addition, **INX AP Retortable** inks and **INX AP XL** inks are low in VOCs and HAPS free. **INXCure TP Series** inks for 3-Piece Metal Decorating are the ideal green technology. The inks are formulated with UV chemistry, which offers zero to negligible VOCs to reduce emissions to the environment. **TP Thermal Cure** inks are formulated to reduce the amount of petroleum based materials used. Product quality and superior service coupled with attention to the environment make INX the leader in the 2-Piece and 3-Piece Metal Decorating market.

## UV/EB Inks

The Naturally Green Technology. Inks formulated without Volatile Organic Compounds (VOC) reduce Hazardous Air Pollutants (HAP) and CO<sub>2</sub> emissions. They meet local EPA emission limits and have low energy requirement thereby allowing printers to reduce their energy consumption and costs. INX best-in-class **Fusion® UV Hybrid** qualifies for the ASA Soy Seal Logo and our complete product line carries the INX Low Environment Friendly VOC Stamp.

## Digital Inks

INX Digital has a complete line of **UVINX** UV Curable inkjet inks formulated utilizing 100% solids technology. These inks meet all EPA emissions limits and are formulated to cure with lower energy to reduce the required energy consumption. Our **BioINX** project utilizes renewable solvents and resins which are not derived from oil but rather derived from corn, sugar cane, cotton and other natural products. INX Digital **ECOS** (Environmentally Conscious Outdoor Substrates) is a 100% recyclable Polyethylene substrate for outdoor signage. This product is one third of the weight of traditional vinyl medias and therefore 3 times the product can ship in one truckload, reducing the overall carbon footprint of the product by 2/3 for shipping alone. UVINX and BIOINX are just a few examples of INX Digital's dedication to providing complete solutions that have less impact on the environment and its' inhabitants.

## Aqueous Coatings

**INXKote®** water coatings are primarily composed of water soluble resins and styrenated acrylic polymers. Using INXKote water products eliminates the need for conventional press varnish and solvent based top coats - all of which depend on high VOC petroleum based products to function. Our formulations strive to be very low VOC (usually <1%) and are environmentally safe. The chemistries in our sheet fed coating formulas are compatible with all soy/vegetable oil ink formulations. INXKote water products can be incorporated into most recycling programs and are easily cleaned with most of the common low VOC water based cleaners.

