



ENERGY
CURABLES



Technical Bulletin #300

ENVIRO-CARD INKS

GANS INK
& SUPPLY CO.

The environment we live in concerns both our company as an enterprise, and its chemists individually. We strongly consider our impact on the environment, and as concerned suppliers to the plastic card industry, we continue to work towards maximizing our use of renewable and bio-based materials. In the early 1980's, Gans Ink & Supply Co. was the innovator of high performance soy-based conventional inks for offset applications.

Today, we have succeeded in formulating a revolutionary UV curing ink for the production of Secure and Non-Secure cards that contains the highest content of bio-based materials in the industry. These inks have been quantified by an unbiased third-party University laboratory, using ASTM method D6866-10 for the testing bio-based content. Enviro-Card meets or exceeds all current products for post printing performance.

Products Bio-Based Content

UV14000 – Enviro-Card 1/D Black	30 ± 1%
UV14001 – Enviro-Card 2/D Cyan	31 ± 1%
UV14002 – Enviro-Card 3/D Magenta	36 ± 1%
UV14003 – Enviro-Card 4/D Yellow	39 ± 1%

Features and Benefits

First confirmed Bio-Based ink for this application averaging 34%
Excellent results on treated substrates
Excellent cure response @.7 W/CM²
Superior pull strength properties
Excellent flow and transfer properties

Availability

Currently available in 4/C process only. Blending colors to be developed, on request.

Storage

Store in a cool, dry area. Avoid exposure to direct sunlight.
When stored as directed, shelf life is 6 months.

Safety Precautions

As with all ultraviolet curable inks, Enviro-Card inks may cause skin irritation upon contact. Follow proper handling procedures outlined in the MSDS.

LONGEVITY THROUGH INTEGRITY