



**GANS INK
& SUPPLY CO.**

Eco-SURE!™ Low VOC

If its important for you to be **sure** that you are using the **most** ecologically friendly process ink, Gans Ink is the one to trust! Our new **Eco-Sure!™ Low VOC** process series has been independently verified to contain over **73%** biologically derived materials, assuring a sustainably manufactured production ink that has a **lower impact on our environment** than virtually all other process inks available today!

TECHNICAL PERFORMANCE DATA

■ Eco-Sure!™ Item Numbers

Black- A136620 Cyan- A136621
Mag- A136622 Yellow- A136623

■ Eco-Sure!™ VOC's

Gans **Eco-Sure!™ Low VOC** process series has been formulated with zero petroleum distillates, resulting in the **lowest volatility of any process series Gans Ink currently manufactures!** This series averages **2.3%** VOC's per pound. **Eco-Sure!™ Low VOC** process cannot flash off solvents and change it's structure on press, *because there are no volatile solvents in this series!* Printers will not find a **more press stable** process ink than **Eco-Sure!™ Low VOC!**

■ Ink Tack Readings

Black-15 Cyan-14 Mag-13 Yelo-11

The above tack readings are taken at 1200 RPM, 1 minute, 90° F, Thwing Albert 101 Inkometer.

■ Set Speed

Gans **Eco-Sure!™ Low VOC** process series rated **392** out of 400 on Gans' internal scale for set speed on a #1 gloss coated sheet, making **Eco-Sure!™ Low VOC** our fastest setting process series after our popular **Resolution** series (A133064-67).

■ Scuff-Resistance

Overall, **Eco-Sure!™ Low VOC** rated a **35** out of 40 on Gans' internal scale for scuff-resistance. This test is performed on a #1 gloss coated sheet, without aqueous coating, 24 hours after printing. This series will perform *well* on gloss coated papers. Post-processing on matte or dull stocks should be considered, due to the fragile nature of those paper surfaces.

■ Density Dryback Points @ 24 hrs

Black- 15 Cyan- 5 Mag- 2 Yelo- 2

The above measurements were taken with the following device settings: Illuminant D50, 2° observer angle, Status T, without polarization or UV filters. Paper white has been zeroed out. Printed on a #1 gloss sheet, without aqueous coating.

■ TVI (Dot Gain) @ 50%, AM 175 Line

At conventional ink densities on a #1 gloss sheet Gans **Eco-Sure!™ Low VOC** printed with an exceptionally clustered gain range of only 3% from highest to lowest:

Black-19% Cyan-18% Mag-17% Yelo-17%

■ Stay Open (Skin-time)

Gans **Eco-Sure!™ Low VOC** process series will not begin to develop a skin in the can or the fountain for at least **5** days. Extreme ambient temperatures will affect this stay open period.

■ Ink Glossiness

At a 60° angle **Eco-Sure!™ Low VOC** showed a specular gloss reading of **79 units** over 340% ink coverage on a #1 gloss coated sheet, without aqueous coating.

■ Post Processing

Gans **Eco-Sure!™ Low VOC** is considered completely finishing friendly and can be UV coated or foil embossed **after 48 hours**. This series is laser imprintable on *uncoated paper*, although pre-testing is always recommended for guaranteed performance.

■ ISO Compliance for Color

This series is fully compliant for hue, strength and transparency with **ISO 2846-1** (ink in the can) and **ISO 12647-2** (ink on the printed sheet).

Gans Ink & Supply is the trusted source for sustainably formulated inks and low VOC pressroom chemistry!

**LONGEVITY
THROUGH
INTEGRITY**