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 its 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**
  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

- **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!

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