

TAURUS™

NON-PVC PLASTISOL



ZODIAC™ ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Zodiac™ Taurus™ Sharpedge Additive

RECOMMENDED PARAMETERS

Fabric Types



Cotton, synthetic fabrics and blends.

Mesh



Count: 110t/in (43t/cm)
Tension: 18-35n/cm³

Squeegee



Medium: 70 or 60-90-60
Profile: Square
Stroke: x2 stroke, medium speed
Angle: 10-20%

Stencil



Standard Emulsion
Off Contact: 1/16" (2mm)
Emulsion Over Mesh: 15-20%

Flash & Cure



Flash: 320°F (160°C) 4 seconds in hot pallets
Cure: 60 seconds at 320°F(160°C)

Pigment Loading



Not recommended

Taurus™ Additives



Storage



Store in sealed containers
12 months from manufacture
>40°F (5°C) <77°F(25°C)

Clean Up



Standard plastisol cleaners

Health & Safety



Find SDS information here:
www.avient.com/resources/safety-data-sheets or contact your local CSR

Zodiac™ Taurus™ Sharpedge Additive is designed to improve the definition of a three-dimensional print, making the edges of the image appear to be more square. This additive modifies the fluidity of the ink, making it shorter, thus allowing the printer to create a sharper image. This helps the printer to overlay various layers of high-density (3D) ink, preserving the edges.

HIGHLIGHTS

- Passes all requirements for major brand RSL and government regulations.
- Non-PVC, no lead, no phthalates, no formaldehyde, no APEO's.
- Easy to mix and print.

PRINTING TIPS

- Used at 6 - 8% in Taurus high build ink mixes to improve edge definition and fine line resolution of the high-density 3D image. Addition of this product does not alter the print or cure properties of the Taurus inks.
- Test all prints for print durability before starting the production run.

COMPLIANCE

- Non-PVC, non-phthalate
- GOTS v6.0 approved
- Visit www.avient.com/products/screen-printing-inks/zodiac-taurus for more information

PRECAUTIONS

- The information above is given in good faith and does not release you from testing inks and fabrics to confirm suitability of substrate and application process to meet your customer standards and specifications



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