

TAURUS™

NON-PVC PLASTISOL



ZODIAC™ ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Zodiac™ Taurus™ Specialty Base

RECOMMENDED PARAMETERS

Fabric Types



Cotton. Synthetic fabrics and blends can also be used but may require Taurus Barrier Black to prevent dye migration.

Mesh



Count:
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



Taurus™ Viscosity Reducer 0.5% - 2%

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™ Specialty base ink is for mixing specialty powders, glitters and flakes.

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

- Mix up to 15% powders or flakes. Some powder mixtures will become thick, use Taurus Viscosity Reducer to lower the viscosity for easier processing through the screen. The mesh needed will be determined by the particle size of the powder or flake.
- 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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