

TAURUS™

NON-PVC PLASTISOL



ZODIAC™ ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Zodiac™ Taurus™ Thickener Additive

RECOMMENDED PARAMETERS

Fabric Types

Cotton, synthetic fabrics and blends.



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



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™ Thickener Additive can be used with the Zodiac™ Taurus™ non-PVC ink system. Zodiac™ Taurus™ mixes into non-PVC plastisols to raise the viscosity. Higher viscosity inks will normally print with more opacity. Easy to mix and can be mixed in by low shear mixing.

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

- Add up to 1% by weight to thicken Taurus inks. A thicker ink will print with more opacity. Make sure to stir properly to insure a complete mixture. This may require a mechanical mixer. Results are immediate.
- 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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