TAURUS NON-PVC PLASTISOL



\overline{ZODIAC}^* ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Zodiac™ Taurus™ 3D Additive

RECOMMENDED PARAMETERS



Fabric Types

Cotton, synthetic fabrics and blends.



Mesh

Count: 83-110t/in (32-43t/cm) Tension: 18-35n/cm3



Squeegee

Medium: 70 or 60-90-60

Profile: Square

Stroke: x2 stroke, medium speed

Angle: 10-20%



Stencil

Capillary 250 to 400 microns 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)



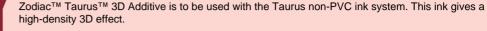
Clean Up

Standard plastisol cleaners



Health & Safety

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



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 10% in Taurus™ ink mixes to create high build for printing 3D images. We recommend using 250 to 400 micron capillary film on screens depending on desired image height.
- Test all prints for print durability before starting the production run.

COMPLIANCE

Non-PVC, non-phthalate

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



AVIENT SPECIALTY

V3.00 (Modified: 02/17/2021)

2021, Avient Corporation. Avient makes no representations, guarantees, or warranties of any kind with respect to the information contained in this document about its accuracy, suitability for particular applications, or the results obtained or obtainable using the information. Some of the information arises from laboratory work with small-scale equipment which may not project a reliable indication of performance or properties obtained or obtainable on large-scale equipment. Values reported as "typical" or stated without a range do not state mainimum or maximum properties; consult your sales representative for property ranges and min/max specifications, Processing conditions can cause material properties to shift from the values stated in the information. Avient makes no warranties or guarantees respecting suitability of either Avient's products or the information for your process or end-use application. You have the responsibility to conduct full-scale end-product performance testing to determine suitability in your application, and you assume all risk and liability arising from your use of the information and/or use or handling of any product. AVIENT MAKES NO WARRANTIES, EXPRESS OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, IMPLIED WARRANTIES OF MERCHANTABILITY AND FITNESS FOR A PARTICULAR PURPOSE, either with respect to the information or products reflected by the information. This literature shall NOT operate as permission, recommendation, or inducement to practice any patented invention without permission of the patent owner.