# TAURUS NON-PVC PLASTISOL



### $ZODIAC^{\text{T}}$ ecocentric inks

#### PRODUCT INFORMATION BULLETIN

#### **Zodiac™ Taurus™ Sharpedge Additive**

#### **RECOMMENDED PARAMETERS**



#### **Fabric Types**

Cotton, synthetic fabrics and blends.

## 11111

#### Mesh

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



#### Squeegee

Durometer: 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

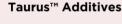
pallets

Cure: 60 seconds at 320°F(160°C)



#### **Pigment Loading**

Not recommended





#### Storage

40-77°F (5-25°C). Use within 8 months of receipt. Keep container well sealed.



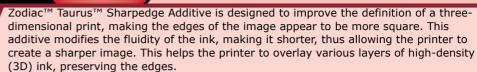
#### Clean Up

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 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

Mon-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

V5.50 (Modified: 03/28/2023)

2023, 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 provide a reliable indication of performance or properties obtained or obtainable on larger-scale equipment. Values reported as "typical" or stated without a range do not state minimum 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 itsiability or instability or 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.