VATERBASED

ZODIAC^{*} ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius[™] Particle Base

RECOMMENDED PARAMETERS



Fabric Types

100% Cotton, blends or synthetic fabrics.



Mesh Count: 86T-110T/in (34T-43T/cm) Tension: 18-35n/cm3



Squeegee Durometer: 60-90-60 Profile: sharp, square Stroke: x2 stroke, medium speed Angle: 15-20%



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



Flash & Cure Flash: Not recommended Cure: 90 seconds at 330°F (165°C)



Pigment Loading Maximum 6%



Aquarius[™] Additives Aquarius[™] Softener 1-5%

Aquarius[™] Thickener 0.1-1% Aquarius[™] Retarder Gel 1-5%

from manufacture >40°F (5°C)

Storage Store in sealed containers 12 months



Clean Up Water & mild detergent

<77°F(25°C)

Health & Safety

Find SDS information here: www.avient.com/resources/safetydata-sheets or contact your local CSR Aquarius[™] Particle Base is a crystal clear water base for use with glitters and other particles.

HIGHLIGHTS

- Clear base to enhance glitter particles
- Excellent wash durability
- A Can be tinted with Aquarius™ Pigments up to 6%

PRINTING TIPS

- Mix up to 15% powders or flakes. Mesh selection is dependant upon particle size
- Print with 1/16" or 2mm off contact
- Print two strokes to ensure the mesh is clear and you have a good ink deposit
- Print in last position or flash after each print if using multiple screens
- Clean the stencil area when stopped to prevent screen blockages
- Prints should be cured at 330°F /165°C for 90 seconds. Check the cure temp at the ink surface
- Test all prints for print durability before starting the production run

COMPLIANCE

- Water based, non PVC, non phthalate
- We Visit www.avient.com/products/screen-printing-inks/zodiac-aquarius 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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