## VATERBASED

# **ZODIAC**<sup>®</sup> ECOCENTRIC INKS

**PRODUCT INFORMATION BULLETIN** 

## Aquarius Bright Discharge White LV ZF

### **RECOMMENDED PARAMETERS** Aguarius<sup>™</sup> Bright Discharge White LV ZF is designed to be mixed with Bright Discharge Base to obtain thousands of Pantone® approved colors. **Fabric Types** 100% Cotton Dischargeable fabrics HIGHLIGHTS Mage Sright, opaque discharge white New formulation to easy to mix and increase the productivity Mesh Count: 80-230T/in (34-90T/cm) Prints wet on wet for multicolor discharge Tension: 18-35n/cm3 prints Main Super soft hand feel Squeegee Durometer: 60-90-60 **PRINTING TIPS** Profile: sharp, square Stroke: x1 stroke, medium speed Can be used as stand alone white, as a mixing white or as a highlight white Angle: 10-15% Use 6% Aquarius™ Discharge Activator ZF. Mix well and leave for 10 minutes to dissolve. Stencil Water Resistant Emulsion Remix immediately prior to adding to the screen. Once activated inks colors should be used within 8 hours to prevent any color change issues. To prevent wastage only activate a small Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20% amount of color at a time ✓ Colors should be made in accordance with Aquarius™ IMS Pantone® mixing system with a Flash & Cure maximum of 6% pigment loading to ensure crock performance is maintained Flash: Not recommended Cure: 90 seconds at 330°F (165°C) Use 86-230T/in (34-90T/cm) mesh for best performance and color brightness **Pigment Loading** Print with 1/16" or 2mm off contact. Print one stroke N/A 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 temperature at the ink Aquarius<sup>™</sup> Additives surface Aquarius<sup>™</sup> Discharge Activator ZF 6% Max Aquarius<sup>™</sup> Softener 1-5% Test all prints for color fastness and print durability before starting the production run Aquarius<sup>™</sup> Thickener 0.1-1% Storage Store in sealed containers 12 months from manufacture >40°F (5°C) COMPLIANCE <77°F(25°C) Water based, non PVC, non phthalate We Visit www.avient.com/products/screen-printing-inks/zodiac-aquarius for more information **Clean Up** Water & mild detergent 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 **Health & Safety** standards and specifications Find SDS information here: www.avient.com/resources/safety-AVIENT data-sheets or contact your local CSR SPECIALTY INKS













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