AQUARIUS"

ZODIAC^{*} ECOCENTRIC INKS

PRODUCT INFORMATION BULLETIN

Aquarius[™] Plasticharge Additive

Aquarius[™] Plasticharge Additive will work with most any Avient plastisol cotton color **RECOMMENDED PARAMETERS** ink. However, it should be noted that the color tone intensity will likely diminish to appear more "pastel" unless you use more opaque ink colors like those found in the **Fabric Types** Union Maxopake high opacity ink series. Cotton **HIGHLIGHTS** Plastisol and water base inks may be printed over Plasticharge prints. Mesh Count: 110-230T/in Tension: 25n/cm3 Squeegee Durometer: 70, 60/90/60 **PRINTING TIPS** Profile: Square Stroke: 1 to 2 Combine equal parts Aquarius[™] Plasticharge Additive and a suitable plastisol cotton color ink (1:1). Stir Angle: 10-15% slowly until completely mixed. Add 4-6% Aquarius Activator ZF just before printing and mix until completely dissolved. Stencil Your percentage of Aquarius[™] Activator ZF powder should be based on the weight of the Aquarius[™] Water Resistant Emulsion Plasticharge Additive only, Not the combined weight of the ink and additive. Off Contact: 1/16" (2mm) Emulsion Over Mesh: 15-20% Water base inks can dry in the screen, Aquarius[™] Plasticharge Additive is no exception. It is helpful to mist the air above the screen with a spray bottle of distilled water as needed in order to maintain humidity. Flash & Cure The printer must test any color mixed with Aquarius™ Plasticharge Additive on the garment prior to Flash: Pre-heated pallet production to determine if the dyes in that garment will discharge. Cure: 320°F When mixing Plasticharge reds, it is often beneficial to reduce the amount of Activator ZF powder by 1%. **Pigment Loading** N/A Aquarius[™] Additives Aquarius[™] Discharge Activator ZF 4-6% Storage Store in sealed containers 12 months from manufacture >40°F (5°C) COMPLIANCE <77°F(25°C) Visit www.avient.com/products/screen-printinginks/zodiac-aquarius for more information **Clean Up** 122 JUL 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 standards and **Health & Safety** specifications Find SDS information here: www.avient.com/resources/safety-AVIENT data-sheets or contact your local CSR V3.00 (Modified: 03/05/2023) SPECIALTY INKS

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 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.