LIBRA[®]

ZODIAC[®] ECOCENTRIC INKS **PRODUCT INFORMATION BULLETIN**

Libra™ Special Effect Gel

Libra™ Special Effect Gel bases consist of low viscosity translucent bases (Part A&B) to **RECOMMENDED PARAMETERS** bring a crystal clear, glossy effect to your silicone prints. A semi-tack to tacky finish is produced with this product. The ink can be pigmented with Libra pigments and toners or special effect additives. Designed for special effect top coats, adhesive for foil, flock or Fabric Types adhesive underbase for difficult to adhere fabrics. 100% Polyester, Cotton and Poly/ HIGHLIGHTS Cotton blended fabrics Crystal clear, glossy finish Semi-tack to tacky hand (\mathbb{D}) Mesh Counts: 80-225t/in (34-90t/cm) Super-soft hand feel Tension: 18-35n/cm3 Clear base Squeegee PRINTING TIPS Medium: 70 or 60-90-60 Profile: sharp, square Stroke: x2 stroke, medium speed Mix Part A to Part B in a 1:1 ratio with desired special effect glitter, flake or pigment. <u>(</u>D Angle: 10-15% No additional catalyst is necessary for this gel; however, for longer ink working life, Libra™ Silicone Retardant can be used at 1-2% to extend the screen open life of the catalyzed ink. Libra™ Silicone pigments or special effect powders can be added up Stencil to 20 parts. Mix well and print. To prevent wastage only catalyze what is need to Standard Emulsion print for 4 hours. Off Contact: 1/16" (2mm) Emulsion Over Mesh: High Density Use 86-225t/34-90t mesh screens for best performance. 100-400 micron Flash & Cure Print with 1/16" or 2mm off contact. <u>(</u>]) Flash: 300°F(149°C) for 4 seconds (on preheated pallets) Cure: 60 seconds at 270°F(132°C) Print two strokes to ensure the mesh is clear and you have a good ink deposit. Flash between prints. **Pigment Loading** <u>(</u>)) Libra™ Silicone Pigments Maximum 20% Clean the stencil area when stopped to prevent screen blockages. <u>ap</u> Prints should be cured at 270°F /132°C for 60 seconds. Check the cure temp at the Libra[™] Additives ink surface. Libra™ Catalyst: 1% Libra™ Retardant: 1-2% Libra™ Pigment/Toner: up to 20% Test all prints for print durability before starting the production run. Storage Store in sealed containers 12 months from manufacture >40F (5C) <77F (25C) COMPLIANCE 11 H I Clean Up Standard plastisol cleaners <u>(</u>] Non-PVC, non-phthalate Visit www.polyone.com/zodiacinks/libra for more information PRECAUTIONS **Health & Safety** The information above is given in good faith and does not release you from testing SDS: www.polyone.com/resources/ inks and fabrics to confirm suitability of substrate and application process to meet safety-data-sheets your customer standards and specifications or contact your local CSR

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