



1501 West 178th Street | Gardena, CA. 90248
310-767-7812 | 800-359-5679 | fax: 310-767-7836
info@matsui-color.com | www.matsui-color.com

SAMURAI Trans Clear/White/Adhesive

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Color or White
- **Opacity/Viscosity** | Excellent/medium
- **Bleed Resistance** | None
- **Flash Temperature** | 200°F /decreases with deposit thickness
- **Cure Temperature** | 200°F
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | Excellent
- **Emulsion** | Direct or indirect
- **Mesh Count** | 160 mc
- **Thinner** | RV Additive
- **Thickener** | Thickener B
- **Storage** | 65°F to 95°F (18°C to 35°C). Avoid direct sun.
- **Cleanup** | Water and mild soap or detergent
- **Color Range** | may vary
- **Substrate Type** | Cotton
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

Samurai Trans Clear/White Adhesive is a direct print and mixing base/white for **heat transfer sheet**. These inks can print as layer on the film and heat press

Features

- Easy to mix and print
- Can be used as a mixing white with Neo Pigments up to 15%
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- Excellent elasticity, great on Dri-fit performance fabrics
- Is “PVC Free” and environmentally safe

Application

Print through fine screen mesh up to 160 mc in (63 mc cm) when cured at 200°F, 2min. Use the flash cure unit in between the print at 200°F, 5sec. Heat press condition, 320°F 10sec with medium pressure and cool peel. **Samurai Trans Clear/White Adhesive** produces the softest prints achievable in textile screen printing today.

Special Recommendations

SUMO Clear/White should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make Samurai Trans Clear/White Adhesive test positive for restricted PVC's.

- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Fixer V 1-3% to help with wash fastness(Do not add to Adhesive)**
- **After mixing Fixer V, please use the ink within 12hours.**
- **Use Softener MG 1-4% to help penetrate in to the garment**
- **Use Thickener B .25-1% to help thicken the ink**
- **Use RV Additive 1-3% to reduce viscosity**