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WS0505 Discharge Binder 301 DC-8

Technical Data Sheet

- **Wet Ink Tack** | Low
- **After Flash Tack** | Low
- **Printability** | Excellent
- **Surface Appearance** | Matte
- **Opacity/Viscosity** | Low/Med
- **Bleed Resistance** | None
- **Flash Temperature** | 160°F (71°C)/decreases with deposit thickness
- **Cure Temperature** | 320°F (160°C)
- **Squeegee Hardness** | Medium
- **Squeegee Blade** | Sharp
- **Squeegee Angle** | 45 degrees to screen
- **Squeegee Speed** | Medium
- **Underlay** | N/A
- **Emulsion** | Direct or indirect
- **Mesh Count** | up to 160 mc/in (62 mc/cm)
- **Thinner** | N/A
- **Thickener** | N/A
- **Storage** | 65°F to 95°F (18°C to 35°C). Avoid direct sun.
- **Cleanup** | Water and mild soap or detergent
- **Color Range** | Milky
- **Substrate Type** | Cotton
- **Substrate Color(s)** | Light, Medium and Dark Fabrics

Description

Discharge Binder 301 DC-8 creates vibrant colors when blended with "**Neo Pigments**" up to 12% to achieve an extremely soft hand feel. Use with Matsui CMS (Color Matching System) to create Pantone® colors.

Features

- Easy to mix and print
- Create thousands of color shades by adding up to 12% Neo Pigments
- Prints through very high mesh counts for minimum ink usage
- Excellent printability with no viscosity modifications
- Extremely soft hand feel that PVC inks cannot achieve
- CPSIA and HR4040 Compliant
- Is "**PVC Free**"

Application

Print through fine screen mesh up to 160 mc/in (62 mc/cm) when cured at 320°F (160°C), **Discharge Binder 301 DC-8** produces the softest prints achievable in textile screen printing today.

Special Recommendations

Discharge Binder 301 DC-8 should be mixed in clean vessels using clean mixing blades and utensils. Any contamination from other ink sources or non-approved additives could make **Discharge Binder 301 DC-8** test positive for restricted PVC's.

- **Discharge Binder 301 DC-8 can be ironed**
- **Use Retarder MG 1-5% to help with open time in the screen**
- **Use Fixer WF-N 1-5% to help with wash fastness**
- **Use Softener MG 1-4% to help penetrate in to the garment**
- **Use Discharge Agent up to 10% to activate**