



QS-9000/ISO 9001 Registration #60047

TECHNICAL DATA SHEET

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DATE January 5, 2005

PRODUCT MA0250 CHINO BASE

FEATURES

- Easy to mix and print
• Create thousands of subdued shades by adding up to 30% Color Boosters
• Prints through very high mesh counts for minimum ink usage
• Excellent printability with no viscosity modifications
• Extremely soft and supple to the touch with less hand than most water base inks
• Create that "worn and washed" look that your customers are asking about

DESCRIPTION

Chino Base allows you to produce extremely soft Sepia Tone or Tone-on-Tone prints. Chino Base can be colored to your specifications by mixing up to 30% Color Boosters with 70% Chino Base. Print Chino Base as a stand alone on dark garments to produce that "Tone-on-Tone" look with a very soft hand. A variety of subdued looks can be printed with this new product.

APPLICATION

Print through fine screen mesh of 305 mc/in. (120 mc/CM) Chino Base when cured at 320° F. (160°C.) will have excellent wash and wear qualities. Create many colors by adding up to 30% Color Boosters. Use the M2000 Software for thousands of formulas.

Call the Technical Service Hotline for more information.

Print Instructions

- ☐ Examine the flood bar and smooth edges if necessary.
☐ Adjust the flood bar as close to the screen as possible, to fill the mesh with ink.
☐ Transfer the ink to the garment with a light squeegee pass.

SPECIAL RECOMMENDATIONS

Wash test garment to insure you have good adhesion.

Plastisols are THERMOPLASTIC, requiring heat for proper curing. Wash for a minimum of 5 wash/dry cycles to test for cure.

Stir plastisols prior to printing.

Do not dry clean, use bleach, or iron the printed image.

Most plastisols available in 1, 5, 30, and 55 gallon containers.

Education and training seminars available at Rutland.

Any application not referenced in this technical data should be pretested or consultation sought with Rutland's Applications Lab prior to printing. Applications Lab Hot Line (704 553 0046) X151 or 152

TECHNICAL DATA

Wet Ink Tack - Low

After Flash Tack - Low

Printability - Excellent

Surface Appearance - Matte - Soaks into the garment

Opacity/Viscosity - Low / Low

Bleed Resistance - N/A

Gel Point / Flash Time - 160F. (71°C.) / decreases with deposit thickness

Fusion Temperature - 320°F. (160°C.)

Squeegee Hardness/ Blade/ Angle - Medium/ Sharp

Squeegee Speed - Fast

Underlay - Not required

Emulsion - Direct or Indirect

Mesh Count - Up to 305 mc/in. (120 mc/CM)

Thickener - N/A

Thinner - N/A

Storage - 65°F to 95°F. (18°C. to 35°C.) Avoid direct sun

Cleanup - Non-hazardous screen washes

MSDS -

Color Range - Base (Add Color Boosters up to 10%)

Substrate Type - Cotton

Substrate Color(s) - Light, Medium, & dark fabrics.

Notes:

Four horizontal lines for notes.

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