



QS-9000/ISO 9001 Registration #60047

Technical Data Sheet:

# 200

Date:

April 10, 2001

Product MAXIMUM WHITE

: ML9230

FEATURES

Creamy, short body for easy printing. Tack free formulation for fast shearing action. User friendly, no viscosity modifications necessary. Excellent bleed resistance. ML9230 LB FF Maximum White is fast flash, first down white with low after tack and is optically brightened to produce maximum whiteness and brightness.

DESCRIPTION

ML9230 LB FF Maximum White is formulated as Low bleed, press-ready plastisol for printing on polyester/cotton dark fabrics. This product is excellent for printing through a variety of mesh ranges.

APPLICATION

Print ML9230 directly on to 50/50 substrates to obtain ultimate opacity and bleed resistance. ML9230 may be applied as an underlay white when printed through mesh ranges from 86 - 320 mc./in. to achieve very fine details like simulated halftones, or can be printed as a stand alone white for maximum whiteness. The quick flash characteristics of this product allows it to function either way.

Note to 100% Cotton users: 100% Cotton could have a ghost image appear if printed with low bleed inks. Cotton colors should be tested before printing production runs. Call the Technical Service Hotline for the procedure.

RECOMMENDED PRINTING TECHNIQUES

Manual Machine Printing

- Load ink into mesh opening with medium, sharp squeegee. Only the image area should be filled with ink. Transfer ink to the fabric surface with a light squeegee pass.

Automatic Machine Printing

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

SPECIAL RECOMMENDATIONS

Plastisols are THERMOPLASTIC, requiring heat for fusion. Test print area for crock fastness. Should color rub off on white cloth, adjust oven temperatures and/or dwell time until crock test passes (cloth wipes clean). Stir plastisols prior to printing. Do not dry clean. Do not use bleach. Do not iron image area.

Most plastisols available in 1, 5, 30, and 55 gallon containers. Color-matching assistance available. 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 Laboratory prior to printing.

TECHNICAL DATA

- Wet Ink Tack - Low
After Flash Tack - Low
Printability - Excellent
Surface Appearance - Satin Finish
Opacity/Viscosity - High / High
Bleed Resistance - Excellent
Gel Point / Flash Time - 165°F. / decreases with deposit thickness
Fusion Temperature - 320° f.
Squeegee Hardness/ Blade/ Angle - Medium/ Sharp/ 45°
Squeegee Speed - Medium
Underlay - Not required
Emulsion - Direct, Indirect, or Capillary Film
Mesh Count - 86 - 320 mc. In.
Extender - N/A
Thinner - ML9201 LB Thinner
Storage - 65°F to 95°F. Avoid direct sun
Cleanup - Mineral Spirits, Varsol or some non-hazardous screen washes
MSDS - 4
Color Range - ML9230 LB FF Maximum White
Substrate Type - Polyester/cotton
Substrate Color(s) - Dark fabrics
Note: See Price List/Users Guide for available colors and pricing.

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Technical Service Hotline: 800.438.5134. Ext 151 & 152

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