



QS-9000/ISO 9001 Registration #60047

Technical Data Sheet:

284

Date:

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Product:

MV0246 Shatter Base

FEATURES

- Base for creating a brittle, worn, or tattered look.
- Can be colored with Color Boosters for a variety of design colors.
- Provides excellent printability with no viscosity modifications.

DESCRIPTION

Shatter Base is designed to provide great adhesion when printed onto textiles. It gives superior wash fastness when cured at 350 degrees F. (177 degrees C.) Flash just after the last print screen and then stretch it before it goes into the dryer to create a worn, distressed, design with the look and feel of ink that's falling off the garment.

APPLICATIONS

Shatter Base allows addition of up to 20% Color Boosters to enhance the color of the distressed design. Print through 86 to 230 mesh (32 to 90 mc/Cm.). Print with a sharp edge, medium durometer squeegee, with just enough pressure to clear the image area. Shatter Base can be printed on top of Glitter Base to make a Faux Leather look and feel.

Wash test garment to insure you have good adhesion. Too much print pressure can cause too little base to be on the surface for a distressed look.

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.
Do not use bleach.
Do not iron printed image area.

Shatter Base is available in 1-gallon pails, 5-gallon pails 30-gallon drums and 55-gallon drums.

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 – Fast with no delays

Surface Appearance – Distressed, hard, brittle

Opacity/Viscosity – Medium / Medium

Gel Point / Flash Time - 160°F. (71°C.)

Fusion Temperature - 350° F/ (177°C.)

Squeegee Hardness/ Blade/ Angle – Soft / Sharp/ 45°

Squeegee Speed –Medium

Emulsion – All capillary films, direct or indirect liquid emulsions

Mesh Count – 86 to 230 mesh (32 to 90 mc/Cm)

Extender – N/A

Thickener – N/A

Storage - 65°F to 95°F. (18° to 33° C.) Avoid direct sun

Cleanup – Bio-degradable screen wash

Substrate Type – Cotton

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

Note: Always stir before printing

MSDS - # 2

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