



QS-9000/ISO 9001 Registration #60047

Technical Data Sheet: #

# 214

Date:

October 5, 2001

Subject:

Color Boosters

FEATURES

- Single pigment concentrates for use with the M2 system.
Safe and easy method for enhancing M2 colors.
Mix M2 primaries, then PANTONE colors or Mix straight to the desired PANTONE color using new formulas provided by Rutland.
Mix CB's into one of any number of Rutland Specialty Bases to create custom colors.
Reduce the number of items of the shelf. Make colors in the specific base of choice, as needed.

DESCRIPTION

CB's or Color Booster's were developed as a means of enhancing the existing M2 Primaries offering a darker, more saturated color. Color Boosters may also be mixed with MS0000 Clear or MH0538 Opaque Base for creating any M2 Primary or recalculate the formula given to create a PANTONE match. Mix Color Booster into any of the following bases to create custom colors in the series of your choice:

- 1. M20063 M2 Base
2. HS0153 Hot Split Base
3. MH0538 Opaque Base
4. MS0000 Primer Clear
5. ML0749 LB Jersey Base
6. NX0031 Spand-E-Sol Base
7. NG0026Thermo-Line Clear
8. NM0053 Nylon Mesh Clear
9. NP0004 Puff Base
10. ND3101Luminescent Base
11. MH0540 V.O. Base

These pigments are not "raw" pigment concentrates in plasticizer. Each color booster will fuse which does not upset the pigment to binder ratio of the finished product. Maximum usage level is 50% by weight (base dependent). This is more than twice the amount recommended or allowed with conventional "raw" pigment concentrates to offer a deeper, more saturated color. Each Color Booster will fuse however, should not be printed as a press-ready plastisol.

APPLICATION

Mix Color Booster into like M2 color for enhancement (40% by weight maximum). Mix PANTONE colors with new formulas or simply adjust M2 colors as needed (not to exceed 50% total pigment concentrate in base). Thicken with M00010 Thickener #10 to increase opacity if so desired.

RECOMMENDED PRINTING TECHNIQUES

Manual Machine Printing

- Load ink into mesh opening with hard 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.
Crock test image area for complete fusion.

Table with 2 columns: Property (e.g., Wet Ink Tack, After Flash Tack) and Base dependent/See Below.

AVAILABLE

Standard

- CB1440 Violet
CB2441 Blue #1
CB2442 Blue #2
CB2443 Marine
CB3443 Green
CB4449 Yellow
CB6446 Scarlet
CB6447 Red
CB6449 Permanent Red
CB8394 Black
CB9256 White

COLORS

Fluorescent

- CB1017 FL. Magenta
CB1037 FL. Violet
CB2065 FL. Blue
CB3033 FL. Green
CB4037 FL. Yellow
CB4041 FL. Lemon
CB5018 FL. Orange
CB6055 FL. Pink
CB6056 F. Red

Any application not referenced in this technical data should be pretested or consultation sought with Rutland's Applications Laboratory prior to printing.

All recommendations and statements made, if any, are based on Rutland's research and experience. However, since Rutland has no control over the conditions of use or storage of the product sold, Rutland cannot guarantee the results obtained through the use of its products.

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