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TECHNICAL DATA SHEET

Changing Color VARIACOLOR F/P INKS (meeting EU toy requirements)

TECHNICAL CHARACTERISTICS

Variacolor are dye / water-based inks for filter system markers.
The different shades are color changing using the Revealer 972-00.
They are suitable for all kind of papers. Note that chemical

characteristics of the used paper may lead to a slight color change after some days.

Colour ref. No:	DEEP BLUE / PINK 4095 (2964)	BLUE / FLUO YELLOW 972/04 (2964)	BROWN / LIGHT GREEN 972/18 (2964)	BLUE / SKY-BLUE 4050 (2964)	GREEN / CARROT 2324 (2964)	YELLOW / RED 972/13 (2964)
Viscosity (Brookfield SC4-18 200rpm, cps at 25°C)	2,5 ± 1	2,5 ± 1	2,5 ± 1	2,5 ± 1	2,5 ± 1	2,5 ± 1
pH:	2,9 ± 1	2,4 ± 1	4,5 ± 1	2,2 ± 1	2,9 ± 1	2,8 ± 1
Unit Weight (at 25°C)	1,025 ± 0,15	1,025 ± 0,15	1,025 ± 0,15	1,025 ± 0,15	1,025 ± 0,15	1,025 ± 0,15
Colour ref. No:	INDIGO/GREEN 972/03 (2964)	RED / YELLOW 2817 (2964)	BLACK / GREEN 972/03 (2964)	DARK RED/TOBACCO 2409 (2964)	PURPLE/YELLOW 2371 (2964)	REVEALER 972-00 (2964)
Viscosity BROOKFIELD LV1, rpm 200 (cps, 25°C)	2,5 ± 1	2,5 ± 1	2,5 ± 1	2,5 ± 1	2,5 ± 1	2,5 ± 1
pH:	3,9 ± 1	3,15 ± 1	4,1 ± 1	4,1 ± 1	3,8 ± 1	10,5 ± 1
Unit Weight (at 25°C)	1,025 ± 0,15	1,025 ± 0,15	1,025 ± 0,15	1,025 ± 0,15	1,025 ± 0,15	1,050 ± 0,05

SUITABLE COMPONENTS

Nibs/Tips: Polyester
*Nylon nibs are not recommended due to possible color changes
Reservoir: Polyester (density 0,195-0,200 g/cm³)
Body: Polypropylene, Polyethylene
Cap: Polypropylene, Polyethylene
It is recommended to thoroughly test the components selected.

HANDLING INSTRUCTIONS

Store frost protected. Optimal storage temperature is between 15°C and 30°C. Storage temperatures above 35°C can result in reduced shelf life of the inks.
Drums should be closed tightly during storage.

PACKING

50 KG net Plastic Drums
200 KG net Plastic Drums

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