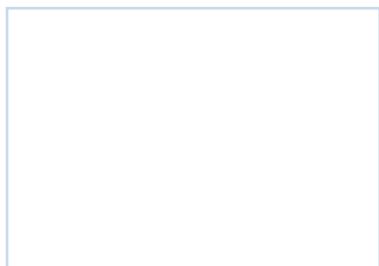
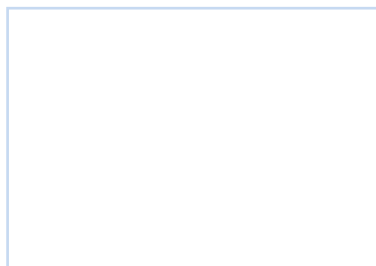


ITOMAGIC PHOTO

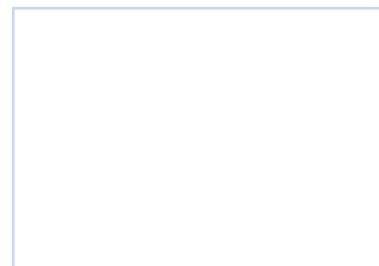
UV SENSITIVE PHOTOCROMIC PIGMENTS



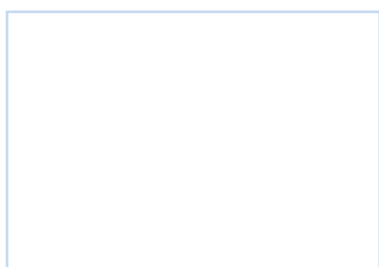
ORANGE



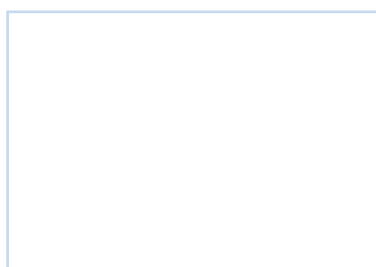
RED



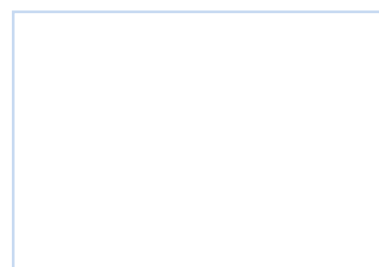
MAGENTA



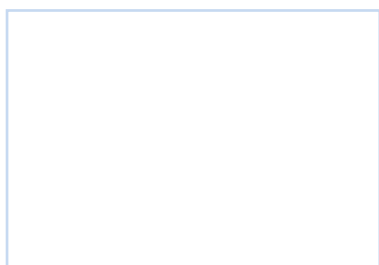
TURQUOISE



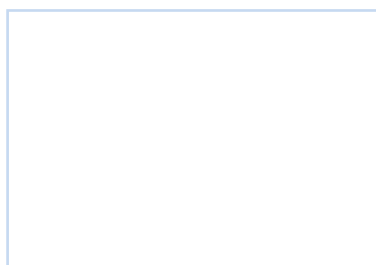
BLUE



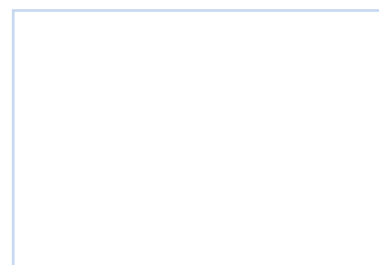
GREY



YELLOW



PURPLE



DARK GREEN

ITOMAGIC PHOTO

UV SENSITIVE PHOTOCHROMIC PIGMENTS

ITOMAGIC PHOTO is a range of light sensitive coloured pigments with reversible colour change by light.

APPLICATION

In Printing:

- ITOMAGIC PHOTO : 50 - 200
- Print Paste : 950-800
- ITOSILICONE LJ88 : x (as required for handle)
- Pigment : x - x
- Total : 1000
- Mesh size : 80 - 100 mesh
- Pre dry : 100°C
- Cure : 150°C for 4 minutes

** A high level of binder is necessary due to the relatively high pigment concentration being used.

In Padding:

- ITOMAGIC PHOTO : 50 - 100g/l
- ITOBINDER AG : 50g/l
- ITOSILICONE LJ88 : 10-20g/l (as required for handle)
- Drying : 100°C for 1 - 3 min.
- Curing : 150°C for 4 min.

In Exhaustion:

- Set bath at 30°C with goods circulating @ a liquor ratio of 10:1
- Add 3% of Pre diluted ITOFIX EZF
- Raise to 50°C and run for 25 minutes
- Drain bath, fill and give a 2 minute rinse with cold water, then drain again
- Fill bath & raise to 50°C, add well dispersed 5-10% ITOMAGIC PHOTO, run for 25 minutes
- Add well dispersed 5% of ITOBINDER AG (add softener as required)
- Run for a further 25 minutes, drain bath and unload
- Add softener as required in same or fresh bath.
- Run for a further 10 minutes if adding softener.
- Hydro extract goods
- Dry/Cure @ 150°C (temperature must not exceed 150°C)

PROPERTIES

- Appearance : Coloured liquid

CHARACTERISTICS

1. The molecular structure of ITOMAGIC PHOTO pigments change when subjected to UV radiation causing their colour to change from colourless to coloured.
2. 9 colours are available:
 - Orange
 - Red
 - Magenta
 - Turquoise
 - Blue
 - Grey
 - Yellow
 - Purple
 - Dark Green
4. It is possible to have a varying range of colours by compounding with conventional pigment colours.
5. Low colour fastness to light.

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