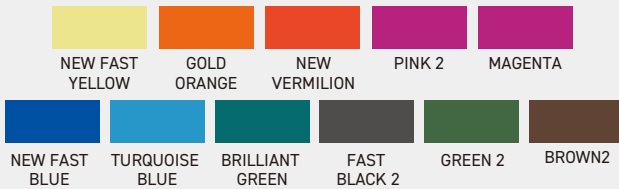


chromicolor®

TEMPERATURE SENSITIVE COLOR CHANGE

Chromicolor AQ® is a set of temperature sensitive pigments that can appear or disappear under certain temperatures. There are multiple temperature types to choose from based on the range of temperature you prefer.



*Available in pigment powder, water based pigment, solvent based pigment, masterbatch (PP/PE)

PHOTOPIA®

light sensitive color change

Photopia® is light sensitive pigments that react to Ultraviolet (UV) and sunlight. Colors appear when exposed to UV and sunlight.



*Available in pigment powder, water based pigment, masterbatch (PP/PE)

THERMOLOCK®

Irreversible Heat Sensitive Color Change

Thermolock® is a heat sensitive color changing pigment that performs a semi-permanent color change in which a color disappears and is locked in at or above a threshold temperature. Additionally, the original color will not return under ordinary, daily conditions, but only if the temperature is lowered dramatically.

• Color changing behavior

Heat temperature	60°C	65°C	70°C	75°C	80°C	85°C
When temperature is increasing	Red	Orange	Yellow	Light Yellow	Very Light Yellow	Clear
When cooling after rising temperature(23°C)	Red	Red	Red	Red	Orange	Yellow

*Available in water based pigment, masterbatch (PE)

PHOTOLOCK®

permanent UV sensitive color change

Photolock is permanent UV sensitive color changing ink for screen printing or plastic molding. Beginning with a clear appearance, Photolock becomes blue as it is exposed to UV light. The ink goes from clear, to blue, to dark blue, permanently darkening with more exposure to UV light.

• Color changing behavior (Metal halide lamp 120W/cm)

0 mJ/cm ²	100 mJ/cm ²	200 mJ/cm ²	400 mJ/cm ²	800 mJ/cm ²	1200 mJ/cm ²
Clear	Light Blue	Medium Blue	Dark Blue	Very Dark Blue	Black

*Available in water based pigment

COLOR CHANGING INKS & PLASTICS



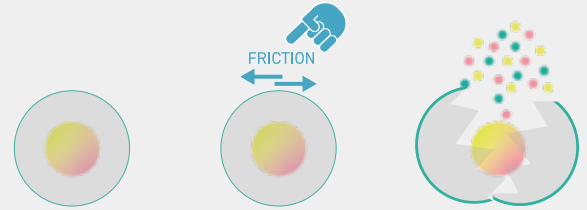
Aqua Indicator® is a functional material which changes its color from white to other various colors by getting wet. Aqua Indicator® is dilutable according to the purpose.



*Available in hot melt, flexo ink, gravure ink



Aroma Granule Aqualite (AQ) Ink NF (Non-Formaldehyde) Grade™ is a water based slurry in which various kinds of perfume are compounded stably as well as in high concentration through our original micro-encapsulating technology without formaldehyde.



*Available in water based slurry



Hydrochromic White is a water-based binder to be used for Screen Printing onto cotton, polyester, nylon, other blended fabric or nonwoven fabric.



Encapsulated Fabric Spray

A spray for eliminating body odor on clothes and sports equipment. Deodorant trapped in the microcapsules is released gradually by rubbing, and the effect lasts longer than conventional deodorant sprays.



Multifunctional Cooling Spray

A spray that gives cool sensation and eliminates body odor on clothes, workwear, and sports equipment. Deodorant+menthol trapped in the microcapsules is released gradually by rubbing, and the effect lasts longer than conventional deodorant sprays.

Matsui Shikiso Chemical co.,ltd.



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We are green company.
Green in the future with us.

