

We represent POWERCHEM SUPPLY CO LTD, which specializes in textile printing pigments and auxiliaries for textile processing and especially finishing mills that particularly use pigment textile printing machines, rotary or flat bed. These companies normally print fabrics for the home, this maybe curtains, table cloths, yet our biggest end products are probably bed linen. **All products are of the highest quality, comparable to European standard, yet at a reasonable price with AZO, APEO, NPEO FREE; IKEA & OEKOTEX 100 Certificates. All products are also tested by independent testing centers (SGS) in Thailand, Taiwan, Hong Kong and Italy: to comply with AZO, APEO, NPEO certification.**

Powerchem Supply Co., Ltd
421-423, Soi Vachiratamsatit 34,
Bangjak, Prakhanong,
Bangkok. 10260
Thailand
Tel no: 0066-2-7465250-2
Dr.Philip Mortimer
International Sales Manager
Mobile: 0066858282763
+66 85 8282 763

We offer: HIGH QUALTY TEXTILE PRINTING CHEMICALS

- 1) PIGMENTS:**
- 2) White P10 White Paste:**
- 3) Binder - Binder W-40: Self cross linking acrylate**
- 4) Thickener -Hi POW Print P: - Hi Viscosity Synthetic Thickener - Creamy liquid**
- 5) Hi POW Print SB: - Low Viscosity Synthetic Thickener- Creamy liquid**
- 6) Emulsifier**
- 7) FIXING AGENT**
- 8) Softener**

HIGH QUALITY TEXTILE PRINTING CHEMICALS: -

PIGMENT EMULSION

PIGMENTS: These micro pigments are ultra fine, high technology dispersion colors, specifically manufactured for textile printing industry. Have been produced with proprietary high technology dispersions methods, to ensure full color standardization. Used for all types of printing techniques e.g. Table, Roller, Flat –bed and Rotary screen. **All products are of the highest quality, comparable to European standard, yet at a reasonable price with AZO, APEO, NPEO FREE; IKEA & OEKOTEX 100 Certificates**

PRINT PASTE

WHITE PASTE: provides the highest quality print with no clogging of the screen mesh and provides excellent fastness for synthetic fibers etc... **Viscosity: 100,000 –120,000 cps**

BINDER : Self cross linking acrylate - has been developed specifically for printing with pigments on woven and knitted fabric, made from any fibers generally suitable for pigment printing. Can be applied as a pigment binder in roller and screen printing. A print produced with the aid of BINDER has excellent fastness properties and the printed fabric itself has a very soft handle.

THICKENERS:

Hi Viscosity Synthetic Thickener - Creamy liquid For making an Ideal “Reducer” or “Printing Paste” for Pigment printing on Textiles. Superior color yield Superior sharper and defined Prints, Very good pigment compatibility and no significant odor. Easy to use, high viscosity builds up in the print pastes. Conc. is 1.5 - 1.7% depending on your production.

Low Viscosity Synthetic Thickener- Creamy liquid Very competitive for all markets: 2.5% dosage

EMULSIFIER: is a Polyoxyethylene Derivative Based Surface Active Agent. Emulsifier BL is suitable for making oil-in-water reducer used commonly throughout the textile printing industry. Superior Color Yield.

FIXING AGENT: is a chemically refined modified melamine resin suitable as a cross linker for improving of the fastness properties of pigment print on woven and knitted fabrics composed of synthetic fibers and regenerated cellulose and on their blends with cotton. It imparts outstanding cross linking and fixing effect for cotton, polyester and other blends with moisture absorbing properties.

SOFTENER: provides the solution by unlocking the stiffness between the fibers; with a special blend of emulsifiers and silicone oil, which confers exceptional lubricity to texturised filament polyester and polyamide yarns. Imparts excellent lubricity to dyed yarns thus giving trouble free re-winding, Can be added to the dye-bath along with dyestuffs or included in print pastes and emulsions.

Print Paste

HIPOW White P10 Print Paste is a self-reactive binder copolymer emulsion blended with Titanium Dioxide. The paste specially developed for auto screen rotary machines for the textile printing industry, provides the highest quality print with no clogging of the screen mesh and provides excellent fastness for synthetic fibers etc...

Characteristics

- Fantastic bonding & whiteness
- Excellent coverage & density
- Soft to the touch & very workable
- Outstanding brightness

Binder

HIPOW Binder W40 has been developed specifically for printing with pigments on woven and knitted fabric, made from any fibers generally suitable for pigment printing. W40 can be applied in rotary and screen printing, together with oil-in-water emulsions, aqueous thickeners or a combination of both. Printing results aided by W40 maintain excellent fastness whilst remaining very soft to the touch.

Characteristics

- Excellent fastness
- Soft to the touch & very workable
- Fixed by heat treatment 150-160 degrees Celsius
- 40% solid content
- Thickener

HIPOW Print PTC is a synthetic thickener for pigment printing. The low viscosity form of Print PTC allows perfect metering and is 100% compatible with automatic dispensing systems in the colour kitchen.

Characteristics

- Effortless to achieve a sufficient level of viscosity
- Low sensitivity to hard water, viscosity is assured with all water conditions
- Confers good uniformity and colour yield to prints
- Can be used for pastes with high amounts of pigment

Emulsifier

HIPOW Emulsifier BL is a Polyoxyethylene Derivative Based Surface Active Agent. Emulsifier BL is suitable for making oil-in-water reducer used commonly throughout the textile printing industry.

Characteristics

- Superior Colour Yield
- Soluble in water, Very low solvent percentage
- Low foam
- Soft to the touch & very workable

Fixing Agent

There is a need for products that allow printing on various different types of textiles with various different printing emulsions; thereon, enhance the fast pickup of the emulsion on the textile and help in obtaining sharp well defined patterns.

Powerchem provides the solution. HIPOW FIX M contributes to whiteness, texture, and physical porous structure for holding and locking the emulsion. The textile can be a knit, woven, nonwoven, or similar type textile.

HIPOW FIX M is a chemically refined modified melamine resin suitable as a cross linker for improving of the fastness properties of pigment print on woven and knitted fabrics composed of synthetic fibers and regenerated cellulose and on their blends with cotton. It imparts outstanding cross linking and fixing effect for cotton, polyester and other blends with moisture absorbing properties.