

POPWAX P

(Wax Emulsion)

TECHNICAL DATA:

Composition	-	Waxes with emulsifiers.
Appearance	-	White paste.
Ionic nature	-	Anionic/Nonionic mixtures.
Stability	-	Stable to hard water and dilute alkali. Not compatible with acids.

POPWAX P is marketed in the form of a white emulsion, which when diluted with water, gives fine emulsions stable to alkalis, hard water and salts. **POPWAX P** is useful as a softening agent either alone or in admixture with sizing/finishing agents. It can also be used as a water-proofing agent by a two bath process.

APPLICATION:

a) Softening/Finishing

POPWAX P when used alone gives a soft and supple handle to fabrics. Recommended concentration for this purpose is 1-5 g/l. the material in yarn fabric form to be finished is simply soaked/padded in this liquor and dried without rising. If the fabric is calendered water after this treatment, the presence of **POPWAX P** enhances the luster.

Large quantities of cotton and some of rayon fabrics are generally finished with starch and other finishing agents for imparting stiffness and also for back-filling purposes. **POPWAX P** is used as a softening agent in conjunction with these finishes to counteract brittleness of the deposited stiff films. The amount of **POPWAX P** recommended for this purpose is 5-15% on the weight of the finishing agents.

b) Waterproofing

Cotton, linen, wool, rayons, silk etc., can be water-proofed by the following two-bath process. If single bath process is preferred, Popaquaphobe is recommended.

First Bath

POPWAX P	20-60 g
Water to	1000 ml

POPWAX P is diluted with water at 50°-55°C. The goods to be waterproofed are treated in this bath for 20 minutes (batchwise) or padded (preferable 2 dips, 2 nips) and batched on a roller for 30 minutes.

Second Bath

The goods impregnated in first bath are, without intermediate drying, treated (either batchwise or padding as in case of first bath) in the second bath containing:

Aluminium acetate (12.5°Tw)	22-60 g
Water	1000 ml

The goods are finally dried, preferably at or above 100°C.

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PACKING: 100kgs. HDPE Drums.

STORAGE & HANDLING: Stable under normal conditions. Non-toxic.
