



MIRACHEM INDUSTRIES

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TECHNICAL LITERATURE

EMSOFT – S

Emsoft – S is mostly used for finishing of fabrics containing cellulosic fibres. **Emsoft – S** imparts smooth, flowing handle.

Salient Features:

- **Emsoft – S** increases abrasion resistance, tear strength and improves sewability.
- **Emsoft – S** is a highly stable synthetic polymer dispersion hence, ensures no deposit on the padding rolls even after continuous padding for several hours.
- **Emsoft – S** is also suitable for application to interlining material to improve sewing and cutting out properties.
- **Emsoft – S** can be used either alone or in conjunction with other finishing agents.





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Properties:

Appearance	: White to creamish liquid
Chemical Nature	: Secondary Polyethylene Dispersion.
Ionic Nature	: Nonionic.
Solubility	: Dispersible in cold water.
pH (2% solution)	: 9.0 ± 1.0
Stability	: Resist to hard water
Compatibility	: Compatible with catalysts commonly used in Resin finishing.
Storage Stability	: Stable for 6 months. (When stored in a cool & dry place)





Method of Application:

Emsoft – S can be applied either alone or in combination with other finishing agents.

Cotton fabric (Poplin)

Mirapret – ZF → 60 – 100 gpl

Emsoft – S → 15 – 30 gpl

Miravyl – TL → 10 – 15 gpl

Silky Feel Conc. → 3 – 5 gpl

pH → 4.0 – 5.0

Pad – Dry – Cure for 4 – 5 mins at 150 – 160 °C

PES / Cotton and PES / Rayon

Mirapret – ZF → 80 – 120 gpl

Miragin – SIN → 10 – 15 gpl

Emsoft – S → 15 – 25 gpl

pH → 4.5 – 5.5

Pad – Dry – Cure for 4 – 5 mins at 150 – 160 °C





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General safety instructions:

General safety rules for handling chemicals should be observed in storage, handling and use. The product should not be swallowed. For further information, please consult existing safety data sheet.

Note : The data contained in this communication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. It is the responsibility of the recipient of our products to ensure that any proprietary rights and existing laws and legislation are observed. Responsibility for compliance with the requirements of the downstream textile market rests with the textile processor.

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