



# Sarex Chemicals

(A Divn. Of Saraf Chemicals Pvt. Ltd.)

501 Waterford, C Wing, C.D.Barfiwala Marg(Juhu Lane), Andheri(W),Mumbai 400 058. INDIA

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## PRODUCT LITERATURE

### SARASOFT-EP

#### Product Information

Sarasoft-EP is a polyethylene emulsion specially developed for cotton sheeting, cellulosic and their blends to impart soft and bulky handle on the finished fabric. Sarasoft-EP when used alongwith Saralink-545 or Saralink-ULF, improves the tear and tensile strength of the treated fabrics with improvement in DP rating. It also improves sewability of the finished fabrics. Sarasoft-EP is also recommended for finishing of fabrics before emerising to ensure uniformity of treatment.

#### Key Features & Benefits

##### Key Features

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Sewability improver

Reduces tear & tensile strength loss

Economical

##### Benefits

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For finishing of knits & high value shirting for branded garments

Ideal component for resin finishing

Recipe costs lower

#### General Characteristics

Physical Appearance : Light to dark yellow translucent liquid

Ionic Nature : Nonionic

pH of 1% solution : 8.5 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic, anionic and nonionic products

Stability : Stable to dilute acids and dilute alkalies

#### Application

Padding process

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##### 1. Softness finish

Pick-up : 65-70%

Bath pH : 5.0-6.0



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### SARASOFT-EP

Drying : 130-160 deg.C

#### SUGGESTED RECIPES

##### 1.1. Cotton B/W

Sarasoft-EP : 20-30 g/l  
Sarasoft-I : 20-30 g/l

##### 1.2. High value cotton shirting

Sarasoft-EP : 10-30 g/l  
Macrosoft-W : 10-15 g/l  
Megatouch : 5-10 g/l

##### 2. Wrinkle-free finish

Pick-up : 65-70%  
Bath pH : 4.5-5.0

#### SUGGESTED RECIPES

##### 2.1. P/V, P/C Suitings

Saralink-545 : 40-60 g/l  
Sarasoft-EP : 20-30 g/l  
Rucosoft-20 : 10-30 g/l OR  
Sarasoft-1371: 10-20 g/l  
Mg Cl<sub>2</sub> : 8-12 g/l

Shock Cure : 180-190 deg.C, 45-60 sec.

##### 2.2. 100% Cotton fabric

Saralink-ULF : 60-120 g/l  
Sarasoft-EP : 20-40 g/l  
Sarasoft-1371: 10-20 g/l  
MgCl<sub>2</sub> : 12-24 g/l  
Citric acid : 0.3 g/l

Drying : 110-130 deg.C, (8-12% moisture content)  
Curing : 150-160 deg.C, 5-6 mins.

##### 3. Finishing of fabrics before emerising

Sarasoft-EP : 10-15 g/l  
Pick-up : 65-70%



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## PRODUCT LITERATURE

### SARASOFT-EP

Bath pH : 5.5-6.0  
Drying : 110-130 deg.C

Exhaust process  
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Saralink-ULF : 6-12%  
Sarasoft-EP : 2-3%  
Sarasoft-1371 : 2-3%  
Sarasoft-I : 1 %  
MgCl<sub>2</sub> : 1.2-2.4%

Bath pH : 4.5-5.0 (adjusted with citric acid)  
Bath Temp. : R.T, 10-30 mins.  
Drying : Hydroextract (65-70% moisture content)  
Tumble dry (10-15% moisture content)  
Curing : 140-160 deg.C, 5-6 mins.

### Precautions

Storage : Store in cool, ventilated shed away from heat and direct sunlight.Storage temperature should not exceed 35 deg C.Close lids firmly to avoid contact with air and moisture.

Shelf Life : 9 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]  
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