



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### HAYSOFT-641

#### Product Information

Haysoft-641 is a newly developed blocked silicone softener. It imparts soft and slick handle to knit and woven and all type of substrates. It is easy to dilute as it does not require emulsifier for dilution. It forms macro emulsion on dilution. It is applicable by exhaust as well as by padding method. It gives superior handfeel compare to other blocked silicones. It does not impair original hydrophilicity of fabric.

#### Key Features & Benefits

Key Features -----	Benefits -----
Concentrated, self emulsifiable	No emulsifier required for dilution
Shear stable flow,	Suitable for high turbulence machine viz., soft jets and garment drum machine
Hydrophilic Macro emulsion	Difficult property achieved

#### General Characteristics

Physical appearance	: Colourless to pale yellow transparent to hazy viscous liquid
Ionic nature	: Cationic
pH of 1% solution	: 5 +/- 1
Miscibility	: Miscible with water
Compatibility	: Compatible with cationic and nonionic products
Stability	: Stable to dilute acids and dilute alkalies

#### Application

Haysoft-641 diluted emulsion (20% solid content)

Padding Process -----	Exhaust Process -----
Dosage : 10-50 g/l	Dosage : 1-5%
Pick-up : 65-70%	Bath pH : 5.0-6.0
Bath pH : 5.0-6.0	Bath Temp : 40-50 deg.C
Drying : 130-160 deg.C	Time : 20-30 min



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### HAYSOFT-641

#### Method For Dilution (20%)

Take 26.66 parts of product to this slowly add 73.34 parts of water with constant stirring at 300-400 rpm, stir continuously for 20-30 min till product become homogeneous

#### 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 : 12 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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