



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### HAYSOFT-SJC

#### Product Information

Haysoft-SJC is a linear silicone copolymer. Its emulsion imparts soft, smooth and excellent hydrophilicity on the fabric. It imparts silky hand feel and drapable smoothness on all types of fabrics and garments. It is especially suitable for cotton knits and woven fabrics. Haysoft-SJC is stable to high shear force, wide pH range and wide temperature conditions and hence can be used in jets, overflow dyeing machines, package dyeing machines, winches, jiggers and printing machines. Haysoft-SJC is suitable by pad and by exhaust in garment drum machine.

#### Key Features & Benefits

##### Key Features

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Non yellowing/No shade changes

Shear stable

##### Benefits

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Can be applied to whites or dyed substrate

Can be applied in soft flow machine self

#### General Characteristics

Physical appearance	: Colourless Clear viscous liquid
Specific Gravity at 25deg.C	: 0.99 +/- 0.02
Miscibility	: Immiscible with water

#### Application

##### Pad application:

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20-40 g/l Haysoft-SJC (10% emulsion)

Adjust pH at 6-8, pad with 65-70% pick up, dry and cure at 160-180 deg.C for 30-45 sec.

##### Exhaust application:

0.2-0.4% Haysoft-SJC (10% emulsion)

pH 6-8, Temp 35-40deg.C, treat for 20-30 mins.



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#### Instructions For Dilution

Emulsification procedure to obtain 10-20% active Haysoft-SJC

Ingredients	10%	20%
Haysoft-SJC	10.0 parts	20.0 parts
Emulsifier TDA 6.5	2.3 parts	2.0 parts
Emulsifier TDA 12.0	1.7 parts	6.0 parts
Butyl Carbitol	1.0 parts	4.0 parts
Glacial acetic acid	0.3 parts	0.6 parts
Water	84.7 parts	67.4 parts

#### Carry out the emulsification procedure as per the procedure:

1. Add Product and emulsifier in the reactor vessel. Stir at 800-1000 rpm for 20 min.
2. Gradually add 50% of water while stirring.
3. Add glacial acetic acid in remaining 50% water and add gradually with continuous stirring.
4. Continue stirring for 400-500 rpm for 20 min to obtain homogenous emulsion.

#### 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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