



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### RUBFAST-425

#### Product Information

Rubfast-425 is a speciality finishing agent to improve dry and wet rub fastness for all types of dyed and printed cotton and their blends. Rubfast-425 is effective for dyed and printed emerised dark shades. Rubfast-425 is compatible with certain cationic and nonionic silicone finishing agents. Rubfast-425 can be applied by both dry-on-wet and wet-on-wet application.

#### Key Features & Benefits

##### Key Features

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Excellent improvement in wet rub fastness by padding

Formaldehyde Free

No adverse effect

##### Benefits

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Improves by 1.5-2.0 units on direct reactive, sulphur, indigo and pigment dyed fabrics

Suitable for Oekotex and baby wear

Does not affect the washing fastness and original handle of fabric

#### General Characteristics

Physical appearance : Yellow to reddish orange liquid

Ionic nature : Cationic

pH of 1% solution : 4 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic and nonionic products

Stability : Stable to dilute acids and unstable to dilute alkalies

#### Application

##### Padding process

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Dosage : 20-30 g/l

Pick-up : 65-70%

Bath pH : 5.0-5.5

Drying : 130-160 deg.C

##### Exhaust process

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Dosage : 2-3%

Bath pH : 5.0-5.5

Bath Temp. : 40 deg.C, 30 mins

Drying : 110-150 deg.C



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\* Exhaust process is suitable only for Package dyeing and Garment drum m/c.

\* 70-100 g/l Rubfast-425 is recommended for wet-on-wet application.

Note:

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Drying at 145-150 deg.C 90 sec. gives better results than 130-140 deg.C

For garments, it is essential to cure at 150 deg.C after exhaustion.

Special Instructions:

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- Fabric to be treated should be free from anionic components.
- Performance of Rubfast-425 is achieved when it is used alone without any finishing agent as with some finishing agents, the performance of Rubfast-425 slightly impairs.
- Do not use Rubfast-425 in print paste.
- Pre-lab trials are recommended with other finishing agents.
- Absorbency of fabric should be instant. To improve absorbency of all over printed fabric (reactive/pigment), 0.2-0.5 g/l Celldet-R (wetting agent) is to be added in the finishing bath.
- pH of the fabric should be neutral.
- First, pH of water to be adjusted to 5.0-6.0 and then final pH with Rubfast-425 should be 5.0-6.0. This solution is stable upto 2 hours. If any precipitation is observed, stir using mechanical stirrer with low speed.
- To avoid precipitation formation, Rubfast-425 (in neat form) to be mixed with 10 g/l Isopropanol and then diluted with pre-adjusted pH water.
- If finishing is to be done alongwith softener, then first prepare Rubfast-425 solution and then add the softener into



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- If fabric is biopoished than the Rubfast-425 gives lower rating than nonbiopolished fabric.
- Use of softener is likely to reduce the performance of Rubfast-425.
- Finished fabric to be dried only at 150 deg.C in stenter with minimum time.
- Rubfast-425 is unstable to sodium citrate and exhibit limited stability to electrolytes.
- Addition of 2-3g/l Saraline-FI makes the Rubfast-425 solution robust (stable).
- Rubfast-425 on standing during storage may become dark (reddish orange in colour)

### 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 : 8 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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