



# Sarex Chemicals

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

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## PRODUCT LITERATURE

### RUBFAST-716

#### Product Information

Rubfast-716 is a speciality finishing agent to improve dry and wet rub fastness of all types of dyed and printed cotton and their blends. It is suitable for indigo denim fabric as it will not give back staining and patchiness during finishing. Rubfast-716 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

No adverse effect

##### Benefits

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

Does not affect the washing fastness and original handle of fabric

#### General Characteristics

Physical appearance : Yellow to yellow brown liquid

Ionic nature : Weakly cationic to Amphoteric

pH of 1% solution : 4 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with cationic and non ionic products

Stability : Stable to dilute acids and unstable to dilute alkalies

#### Application

Padding method:

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##### Step wise procedure for preparing Rubfast-716 solution

- Take required quantity of Rubfast-716 (30 g/l)
- To this, gradually add water (pH 5.8-6.2) and make the total volume
- Mix well to get uniform solution



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- Solution of 30 g/l Rubfast-716 will appear Colourless to straw white liquid with pH 3.7-4.2

#### Padding Application:

Pad -> Dry at 130-160 deg.C

Exhaust method - in Garment:

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Step wise procedure for preparing Rubfast-716 solution

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- Take required quantity of (3-5% on weight of garment) and mix it uniformly
- To this, gradually add water (pH 5.8-6.2) and make the total volume
- Mix well to get uniform solution
- Solution of 3-5% Rubfast-716 will appear Colourless to straw white liquid with pH 3.7-4.2

Exhaust process:

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40deg.C, 20-30 min (with intermittent stirring)  
Dry --> Curing @ 150-160 deg.C, 2-3 min

#### Note:

1. Fabric to be treated should be free from anionic components.
2. pH of the fabric should be neutral.
3. 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.
4. For garments, it is essential to cure at 150 deg.C after exhaustion
5. Rubfast-716 has limited durability to washing



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#### Special Instructions:

- If the water pH>6.2, adjust it to pH 5.8-6.2 and then use.
- 30 g/l Rubfast-716 will appear Colourless to straw white.
- Avoid using hard water.
- Prepare the solution at room temperature (approx.30 deg.C)
- The prepared solution to be kept under constant stirring and to be used immediately
- Do not keep Rubfast-716 stock solution standing.
- Ensure that the padding bath pH is 3.7-4.2 throughout the process.
- Pre-lab trials are recommended with other finishing agents.
- On standing the product tends to turn darker.

#### 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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