



# Sarex Chemicals

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

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

Phone +91 22 42184218 Fax +91 22 42184350

Email [tcmtkg@sarex.com](mailto:tcmtkg@sarex.com) URL [www.sarex.com](http://www.sarex.com)

## PRODUCT LITERATURE

### RUBFAST-467

#### Product Information

Rubfast-467 is a speciality finishing agent to improve dry and wet rub fastness of all types of dyed and printed cotton and their blends. Rubfast-467 is compatible with certain cationic and nonionic silicone finishing agents. Rubfast-467 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

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 : Light yellow to dark yellow 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 dilute alkalies

#### Application

Padding method:

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Preparation of padding bath with Rubfast-467

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- Take 0.3-0.6 g/l acetic acid.

- To this, add required quantity of Rubfast-467 (30 g/l) and mix it uniformly.

- Make the total volume with water (pH 5.8-6.2). **Avoid using hard water.**



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- Mix well to get uniform solution
- Solution of 30 g/l Rubfast-467 will appear slight hazy and turbid with pH 3.7-4.2

Pad -> Dry at 130-160 deg.C

Exhaust method - RUBFAST-467 in Garment:

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Step wise procedure for preparing Rubfast-467 solution  
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- Take 0.3-0.6 g/l acetic acid
- To this, add required quantity of Rubfast-467 (3-5% on weight of garment) and mix it uniformly.
- Make the total volume with water (pH 5.8-6.2) mix it uniformly. Avoid using hard water.
- Mix well to get uniform solution
- Solution of 3-5% Rubfast-467 will appear slight hazy and turbid 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

Special Instructions:

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- If the water pH>6.2, adjust it to pH 5.8-6.2 and then use.
  - 30 g/l Rubfast-467 will appear slight hazy and turbid.
  - 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-467 stock solution standing.
  - Ensure that the padding bath pH is 3.7-4.2 throughout the process.
  - pH of the fabric should be neutral.
- Fabric to be treated should be free from anionic components.



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- Do not use Rubfast-467 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.

Note:

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1. Rubfast-467 when used alone gives best results
2. Rubfast-467 can be used alongwith softener (Caresoft-809) to get desired results. Pre-lab trial with other softener is required before proceeding for bulk usage.
3. Rubfast-467 can be used alongwith dye fixing agent but no softener should be added in the same bath.
4. Exhaust process is suitable only for Package dyeing and Garment drum m/c.
5. For garments, it is essential to cure at 150 deg.C after exhaustion
6. Rubfast-467 has limited durability to washing.

### 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.



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