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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	Benefits
Excellent improvement in wet rub fastness by	Improves by 1.5-2.0 units on direct reactive, sulphur, indigo and pigment dyed fabrics
No adverse effect	Does not affect the washing fastness and original handle of fabric

General Characteristics

Physical appearance : Light yellow to dark yellow liquid
Ionic nature   : Weakly 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

- 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)

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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

- 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

- 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:

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

Special Instructions:

- 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.
- 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.
- 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.
- pH of the fabric should be neutral.

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 afte 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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