



PRODUCT LITERATURE

CAREGUARD-7321

Product Information

Careguard-7321 is a high performance but cost effective C 6 based Oil and water repellent. Careguard-7321 is made from a new high performance monomer hence giving outstanding performance though at very competitive prices. It confers excellent Oil repellency and very good water repellency on all substrates. It can be applied by padding, foaming and by spray technique. For enhanced durability addition of Ecolink (CONC) is recommended.

Key Features & Benefits

Key Features	Benefits
Made from speciality monomer	High performance Durable Water Repellency and Oil Repellency.
Universal	Suitable on all substrates
Low Unit Price	Cost effective solution

General Characteristics

Physical appearance	Creamish liquid
Ionic nature	Nonionic
pH of 1% solution	5 +/- 1
Miscibility	Miscible with water
Compatibility	Compatible with cationic & nonionic products
Stability	Stable to dilute acids & dilute alkalies

Application

Pick-up	: 65-70%
Bath pH	: 4.0-4.5
Drying	: 100-120 deg.C
Curing	: 150 deg.C, 5 min. OR 160 deg.C, 3 min. OR 170 deg.C, 1 min

SUGGESTED RECIPES:

For all substrates:

Careguard-7321	: 30-100 g/l
Acetic Acid	: 0.5 g/l
IPA	: 5 g/l

- Concentration of Careguard-7321 to be taken on the basis of durability requirement.



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Note :

It is recommended to prewash the substrate to be treated with 1 g/l Saragen-DAM at 80-85 deg.C for 20-30 min. To remove traces of residual impurities to get excellent results.

1. After padding and drying if fabric is kept overnight before curing, results will be further improved.
2. Water-oil repellent finish can be combine with resin finish using 30 g/l Saralink-ULF + 6 g/l MgCl₂ + 20 g/l Saralube-2975.

Sequence of addition:

- Prepare bath with all ingredients including Saralink-ULF, MgCl₂ in water containing Acetic acid.
- Stir continuously and add Careguard-7321 as the final ingredient.

Precautions:

- Avoid high speed and continuous stirring.
- Avoid silicone based softeners in the finishing recipe.

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.