



Sarex Chemicals

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

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PRODUCT LITERATURE

CAREGUARD-DM (X)

Product Information

Careguard-DM(X) is water and oil-repelling fluoropolymer based on C8 chemistry. It confers highly durable water and oil repellency on various substrates viz., polyester, cotton, wool, fibres and their blends. It is environmental friendly. It can be applied by padding, foam and by spray technique.

Key Features & Benefits

Key Features

Durable

Economical

Benefits

Good water/oil repellency after home laundering

Cost effective water-oil repellent finish

General Characteristics

Physical appearance : Off white to white liquid
Ionic nature : Nonionic to weakly cationic
pH of 1% solution : 6 +/- 1
Miscibility : Miscible with water
Compatibility : Compatible with cationic and nonionic products
Stability : Stable to dilute acids and 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 RECIPE:

For all substrates

Careguard-DM(X) : 30-80* g/l
Acetic Acid : 0.5 g/l
IPA : 5 g/l



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* Concentration of Careguard-DM(X) to be taken on the basis of durability requirement.

Note:

1. 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.
2. After padding and drying if fabric is kept overnight before curing, results will be further improved.
3. Addition of 5-10 g/l Crosslink-SC(Conc) is optional and recommended for achieving higher durability.
4. Water-oil repellent finish can be combined with resin finish using 30g/l Saralink-ULF + 6g/l MgCl₂ + 20g/l Saralube-2975.

Sequence of addition:

- Prepare bath with all ingredients including Saralink-ULF, MgCl₂ and Crosslink-SC(Conc) in water containing Acetic acid.
- Stir continuously and add Careguard-DM(X) 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 : 8 months from the date of manufacturing, if stored under controlled conditions.

[The above information is given in good faith and is without warranty]
[Prod.Code :PC307 | Last Upd. On : 05/01/15] [MOLL]



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