



Sarex Chemicals

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

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PRODUCT LITERATURE

CAREGUARD-7808

Product Information

Careguard-7808 is a new generation water and oil repellent fluorocarbon based on C6 Chemistry. It is a dispersion of fluoropolymers. It imparts very high water and oil repellency on all substrates. It gives very high oil repellency with better isopropanol rubbing fastness than other fluorocarbons. It works well on nonwoven and automotive fabrics. It can be applied by pad foam and spray technique. Cross-linker is required for durability i.e. Ecolink (Conc).

Key Features & Benefits

Key Features

High oil repellency

Low Temperature Curing

High Solvent Repellency

Nonionic

Benefits

Can be used for military work wear

Saves Energy, good for fibers like polypropylene

Passes Gutter Test

More versatile

General Characteristics

Physical appearance : Creamish liquid

Ionic nature : Nonionic to weakly cationic

pH of 1% solution : 5 +/- 1

Miscibility : Miscible with water

Compatibility : Compatible with nonionic and cationic products.

Stability : Stable to dilute acids and dilute alkalies

Application

PADDING PROCESS:

Careguard-7808 : 30-80 g/l

Acetic Acid : 0.5 g/l

IPA : 5 g/l

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.



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* Concentration of Careguard-7808 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. Compatible with Flame Retardant finish (Pre-trial is recommended)
4. Combined Water/Oil repellent and Wrinkle free finish can be done on color goods. (Pre-trials are recommended)

Sequence of addition:

- Prepare bath with all ingredients including Saralink-ULF, MgCl₂ in water containing Acetic acid
- Stir continuously and add Careguard-7808 as the final ingredient
- 5. Addition of Ecolink (Conc)10-20% on the weight of product is optional and Recommended for achieving high wash durability.

Precautions:

- Before using our product, stir the product gently and then passing through a filter is advisable before pre-dilution and application
- Avoid high speed and continuous stirring
- Avoid silicone based softeners in the finishing recipe
- Pre trial with Careguard-7808 is recommended with coating chemicals



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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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