



PRODUCT LITERATURE

CAREGUARD-7653

Product Information

Careguard-7653 is a new generation water and oil repellent fluorocarbon based on C6 Chemistry. It imparts durable oil and water repellency on various substrates like polyester, cotton, nylon, Aramid fibres and their blends without affecting the original hand of fabric. It gives very high oil repellency. It can be applied by pad, foam and spray technique. The performance of Careguard-7653 will be closer to that of C8 Chemistry Fluorocarbons. It can be also applied at low temperatures as compared conventional fluorocarbons. Cross-linker is recommended for very high durability (30HL).

Key Features & Benefits

Key Features

Competitive

Durable

No Roller build up

High Solvent Repellency

Stable to mild alkaline pH

Benefits

Highest oil & stain repellency in C6 fluorocarbons

Good water/oil repellency after multiple home laundering

Suitable for high speed finishing operations

Passes Gutter Test

-Better runnability
-Robust product

General Characteristics

Physical appearance : Off 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

PADDING PROCESS:

Careguard-7653 : 30-80 g/l

IPA : 5 g/l

Pick-up : 65-70%

Sarex Chemicals

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

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

Phone +91 22 42184218 Fax +91 22 42184350

Email :tcmktg@sarex.com URL www.sarex.com

PRODUCT LITERATURE

CAREGUARD-7653

Drying : 100 - 120 deg.C
Curing : 150 deg.C, 5 min. OR 160 deg.C, 3 min. OR
170 deg.C, 1 min.

* Concentration of Careguard-7653 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. Water and Oil repellent can be combined with Wrinkle free finish. (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-7653 as the final ingredient

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-7653 is recommended with coating chemicals

Sarex Chemicals

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

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

Phone +91 22 42184218 **Fax** +91 22 42184350

Email :tcmktg@sarex.com **URL** www.sarex.com

PRODUCT LITERATURE

CAREGUARD-7653

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]
[Prod.Code :L010675 | Last Upd. On : 20/12/23] [PVR]

This is a computer generated report. Hence not signed.