

## Product Information

## TEGOTEX® RT 2040

## PRODUCT DESCRIPTION

TEGOTEX® RT 2040 is a durable repellent treatment, free from fluorocarbons or any flammable liquids. It is based on a polyamide modified siloxane in dispersion.

## Typical Properties

Property	Unit	Value
<b>Activity</b>	%	40
<b>Appearance</b>		Liquid, milky
<b>pH Value</b>		6.0-7.0
<b>Viscosity</b>	mPa·s	100-200 at 25°C

The data represents typical values (no product specification)

## TYPICAL APPLICATIONS

TEGOTEX® RT 2040 can be applied on many different types of fabrics especially polyamide, polyester and polyacrylnitrile.

## Product Composition

Product Composition	Unit	Value
<b>Active Content</b>	wt%	38-42

The data represents typical values (no product specification)

## BENEFITS &amp; ADVANTAGES

Formulations based on TEGOTEX® RT 2040 for the repellent treatment of fabrics provide the following benefits

- It improves soil and water repellence on all kind of synthetic fibres, especially Polyester
- Provides extraordinary hand feel on synthetic fibres
- Combines a good spray rating with minimal pick-up of water
- Gives a good durability for household washing machines
- Does not contain any Fluorocarbons or flammable liquids

## DOSAGE

Dosage depends on the type of fabric and the required performance

Fabric	Area weight	Bath (g/l)	Pick-up (%)
Polyamide 35 (g/m <sup>2</sup> )		15-70	40-70
Polyester (plain) 95 (g/m <sup>2</sup> )		50-100	40-70
Polyacrylnitrile 140 (g/m <sup>2</sup> )		25-100	40-70

Drying: 105°C for 2 min. with residence time.

Baking: depending on the type of fabric, the baking time varies from 150°C/3 min. to 180°C/1 min. without residence time.

## HANDLING &amp; PROCESSING

TEGOTEX® RT 2040 can be applied as a single component or in combination with other products by padding. Due to its very small particle-size dispersion, TEGOTEX® RT 2040 is easily dispersible in water.

To avoid foam formation during processing, we recommend using an adequate stirring process. Furthermore DYNOL® 360 as foam destabiliser can be added, either in product or in fleet before processing. We recommend to add an average of 0.75g/l DYNOL® 360 into 99.25g/l TEGOTEX® RT 2033 for a 100g/l treatment. Those addition will control the foam formation without loss of repellent efficiency.

The performance of hand feel and water uptake can be enhanced if TEGOTEX® RT 2040 is combined with one or a mixture of the following auxiliaries to fine-tune the finishing treatment.

On polyester

TEGOTEX® CS 0510 can be added at a level of 5-10% in addition to the recommended treatment.

## PACKAGING

25 kg can 200 kg can 1 000 kg container

## SHELF LIFE

TEGOTEX® RT 2040 has delivered can be stored between 5 and 30°C in closed drums for at least 6 months after delivery. TEGOTEX® RT 2040 must be protected against frost. Product need to be homogenized with soft shaking and mixing, after delivery and storage. The product does not contain, as per recipe, any SVHC above the threshold limit of 0.1%.

## HAZARDOUS SUBSTANCE

Information concerning

- Classification and labelling according to regulations for transport and for dangerous substances
- Protective measures for storage and handling
- Measures in case of accidents and fire
- Toxicity and ecological effects

is given in our material safety data sheets.

## REGISTRATION LISTING SUMMARY

The relevant components of TEGOTEX® RT 2040 are listed/registered or exempt in the following chemical inventories:

Registration Listings	
Registry	Status
<b>China (IECSC)</b>	Yes
<b>European Union (EINECS/ELINCS)</b>	Yes
<b>Taiwan (TCSI)</b>	Yes
<b>United States of America (TSCA)</b>	Yes

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