



## ® RUCO 1040

### COMPOSITION

Fluorocarbon polymer, cationic

### USES

Water-repellent agent for water, oil and soil-repellent finishing of all fibre types at ambient temperature.  
Post-impregnating agent for textiles, leather and surfaces.

### PROPERTIES

- Confers resistance to aqueous and oily soiling even at low temperatures
- No temperature treatment required
- Good storability
- APEO-free
- Limited resistance to washing and dry cleaning

### TECHNICAL DATA

- White emulsion
- Specific gravity at 20 °C approx. 1.0 g/cm<sup>3</sup>

### APPLICATION

**RUCO 1040** is diluted with water and applied via suitable ranges for spray and foam application, washing machine, etc.

2 - 6 % **RUCO 1040**

dry at ambient temperature

### Exhaust method

Finishing of ready-to-wear articles in a drum scouring machine

Last rinsing bath 2 - 6 % **RUCO 1040**

liquor ratio 5 : 1 - 8 : 1  
pH 4.5 (acetic)  
temperature 40 °C  
time 10 min  
drain  
finish

Do not carry out any rinsing process after finishing, but dry the fabric in the tumble drier.

**RUCO 1040** has a water-, soil- and oil-repellent effect if drying is carried out at ambient temperature. These properties are additionally improved by a warm treatment after drying.

### INFORMATION ON SPRAYING APPLICATION

During the spraying of chemical products aerosols arise. They may be a potential danger for man. Therefore spray in closed installations only, or else discharge optimally and provide for good room ventilation to avoid spreading of the aerosols in the work environment. Do not breathe in aerosols!

## **STORAGE**

If stored below 0 °C, the product may solidify and/or change its consistency. After heating to 20 - 25 °C and thorough mixing, the product can be used again without any problems.

If stored above 40 °C, the product may separate or sediment. After cooling to 20 - 25 °C and thorough mixing, the product can be used again without any problems.

In order to avoid quality loss, it is necessary to always close the drums after use.

There can be slight sedimentations in the drum/container during storage, however, this does not impair the performance of the product. A mixing of the sediment is, therefore, not necessary.

## **ATTENTION**

The above recommendations are based on comprehensive studies and practical experience. They are, however, without liability regarding property rights of third parties and foreign laws. The user should test for himself whether the product and the application are suited for his very special purposes.

We are, above all, not liable for fields and methods of application which have not been put down by us in writing.

Advice for marking regulations and protective measures can be taken from the respective safety data sheet.

## Declaration on the use of RUCO 1040

(73530502/08/20120905)

**Please disregard this letter if you have already signed and returned it.**

Since the inception of REACH on June 1<sup>st</sup>, 2007, the requirements of communication in the supply chain have increased. To in future assure the safe and successful use of our products as a component in yours, we would like to once again inform you of the safety of our products in aerosol applications.

As a protection from moisture and dirt, clothing, shoes, etc. are treated with impregnating agents. However, if inhaled due to improper use, aerosols may cause health problems. In the past, the improper aerosol application of impregnating agents has caused irritations of the respiratory tract.

We therefore, would like to point out as follows to in future ensure a safe use of **RUCO 1040**:

Independent of their chemical properties impurities may cause irritation in the lungs due to their physical condition. A major risk of aerosol application is the stress of the lungs caused by the spray, which, amongst other things, depends on particle size, exposure time, type and quantity of co-solvents added as necessary as well as the concentration in the air inhaled.

It, therefore, has to be ensured that during or after spray application aerosols which may arise are on no account inhaled. It, thus, has to be assured that no respirable particles are generated during application or that, when used in professional areas, suitable respiratory protection or effective discharge installations are available.

Please inform all staff who possibly apply our product **RUCO 1040** by spraying as well as downstream users of a safe use of our products.

In the case of unauthorised application, you indemnify us from any liability put forth by third parties against RUDOLF GMBH or persons acting for RUDOLF GMBH.

In addition, please pay attention to the instructions in Chapter 2 (hazards identification), Chapter 8 (exposure controls and personal protection) and Chapter 11 (toxicological information) of the material safety data sheet.

As a precondition for the supply of **RUCO 1040**, we kindly ask you to acknowledge receipt of the above information and to return the aerosol declaration duly signed to our Dept. Quality/Environment/Safety (QUS).

Yours faithfully,

RUDOLF GMBH



.....  
Dr. Wolfgang Anton Schumann  
Managing Director



.....  
Christoph Andrée  
Head of Dept. Quality/Environment/Safety

**Declaration on the use of RUCO 1040**  
(73530502/08/20120905)

Acknowledgement:  
(Complete in block letters)

Company name .....

Address .....

Stamp

.....

.....

Name: .....

Position: .....

Date, Place .....

Signature .....

Please return duly signed to:

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