

## HANSA CARE 4870

**Macroemulsion of a modified siloxane as an ingredient for Home and Car Care.**

### Description

Silicone resins are reactive polymers to enhance durability and water repellency of many formulations. The Silicone resins can be used in combination with reactive Aminosiloxane to formulate high quality sealants for car care or long lasting impregnation agent for mineral surfaces. Further applications of Silicone resins are car polishes, spray waxes, impregnation agents for kitchen worktops and for wood.

### Key Features

- Water repellency
- Durability
- Film forming properties

### Key Applications

- Car Care Polishes
- Mineral Surfaces
- Wood Care

### Application

HANSA CARE 4870 can be applied as water repellent additive in various aqueous formulations. It is excellently suited as impregnation for mineral surfaces or wood. A further application field is the addition of HANSA CARE 4870 to lacquer care product formulations to make use of the particular film forming properties of the silicone resin and to increase the stability.

### Health & Safety

Safety Data Sheet available on request.

### Packaging

Drums. Please contact our sales department for more information.

Revision Date      29 Apr 2021  
Revision No        1  
Download Date     18 May 2024

### Property

#### Product

Appearance

Chemistry

Ionicity

MIT Free

Non-Volatile Content (%)

Ultralow cyclic content

#### Addition Rates

Dosage - 1

Dosage - 2

#### Storage

Max Storage Temperature

Min Storage Temperature

Shelf Life

### Test Method

### Value

**White, liquid emulsion**

**Macroemulsion of a silicone resin**

**Non-ionic**

**No**

**Approx. 48**

**Yes**

**1.0 – 5.0% in car sealants / polishes**

**5.0 - 10.0% in impregnations**

**40 °C / 104 °F**

**4 °C / 39 °F**

**12 mths**

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet. CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

**CHT Germany GmbH:** Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany  
Telephone: 07071/154-0, Fax: 07071/154-290, Email: [info@cht.com](mailto:info@cht.com), Homepage: [www.cht.com](http://www.cht.com) / [www.cht-silicones.com](http://www.cht-silicones.com)