

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 23 Apr 2025

Property	Test Method	Value
Product		
Appearance		White, liquid emulsion
Chemistry		Macroemulsion of a silicone resin
Ionicity		Non-ionic
MIT Free		No
Non-Volatile Content (%)		Approx. 48
Ultralow cyclic content		Yes
Addition Rates		
Dosage - 1		1.0 – 5.0% in car sealants / polishes
Dosage - 2		5.0 - 10.0% in impregnations
Storage		
Max Storage Temperature		40 °C / 104 °F
Min Storage Temperature		4 °C / 39 °F
Shelf Life		12 mths