

## EM 1670E 60% active emulsion of 350cst polydimethylsiloxane

### Description

This product is an industrial nonionic polydimethylsiloxane emulsion.

### Key Features

- Industry leading particle size
- Excellent Freeze-thaw stability
- Great gloss and water repellency
- Easily dispersed with water with minimal agitation

### Key Applications

- Tire dressing
- Leather conditioning
- Rubber treatment
- Fiberglass treatment

### Application

EM 1670E is a 60% active emulsion of 350cst polydimethylsiloxane. Because of its non-ionic nature, it can be used in a variety of systems, such as nonionic, anionic, cationic surfactant or polymer systems without forming a complex.

### Packaging Information

This product is available for sale as 40 lb. pails and 441 lb. drums and 2205 lb. totes.

### Use and Cure Information

To optimize the dispersion of this emulsion into the final formulation, it is recommended to add it slowly at the end of the procedure at a temperature below 40 °C (104 °F) with continuous mixing or stirring.

### Health & Safety

Read product and safety data sheets before handling this product for physical and health hazard information. The safety data sheet is available from your CHT representative.

### Limitations

This product is not intended for pharmaceutical use.

### Property

#### Product

Appearance

White Emulsion

Base Fluid Viscosity (cst)

350

Ionicity

Non-ionic

MIT Free

Yes

Non-Volatile Content (%)

60

Ultralow cyclic content

No

pH

8.5

#### Addition Rates

Dosage - 1

1-5%

#### Storage

Max Storage

40 °C / 104 °F

Temperature

Min Storage Temperature

4 °C / 39 °F

Shelf Life

12 mths

Revision Date 30 Aug 2021  
Revision No 8  
Download Date 18 May 2024

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, Homepage: www.cht.com / www.cht-silicones.com