

EM 1477

50% Active Emulsion of a 500,000 cSt hydroxy terminated polydimethylsiloxane

Description

This product is an industrial anionic polydimethylsiloxane emulsion

Key Features

- Excellent dilution and freeze-thaw stability
- Superior presistance
- Excellent wetting/spreading with improved deposition on surfaces
- Can be formulated with reactive additives

Key Applications

- Automotive care
- Vinyl dressing
- Leather Care
- Rubber Treatment

Application

EM 1477 is a 50% active emulsion of 500,000 cSt hydroxy terminated polydimethylsiloxane. This anionic emulsion is specially developed to deliver the high molecular weight actives in a low viscosity liquid with neutral pH. EM 1477 is specially formulated to be used in many industrial mold release applications. This product has also proven to be an effective lubricant and hydrophobic agent when formulated into a coating application.

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
Base Fluid Viscosity (cst)
Ionicity
Non-Volatile Content (%)
Ultralow cyclic content
pH

Addition Rates

Dosage - 1

Storage

Max Storage Temperature
Min Storage Temperature
Packaging
Shelf Life

Test Method

Value

White Emulsion

500000

Anionic

50

No

7.5

1-5% in conditioners

40 °C / 104 °F

4 °C / 39 °F

40 lb. pails or 441 lb. drums

12 mths

Revision Date 22 Sep 2021
Revision No 6
Download Date 04 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