

EM 1476 40% Active Emulsion of a High MW 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

- Release agent
- Auto care
- Leather conditioning
- Rubber treatment

Application

EM 1476 is a 40% active anionic emulsion of 250,000 cSt polydimethylsiloxane. The high molecular weight dimethicone emulsion demonstrates excellent dilution stability at very low concentrations and is chemically inert. This emulsion was developed as an effective release agent for a variety of applications. EM 1476 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 | White liquid |
| Base Fluid Viscosity (cst) | 250000 |
| Ionicity | Anionic |
| Solids Content (%) | 40 % |
| pH | 7.5 |

Addition Rates

| | |
|------------|----------|
| Dosage - 1 | 0.1 - 5% |
|------------|----------|

Storage

| | |
|-------------------------|---|
| Max Storage Temperature | 40 °C / 104 °F |
| Packaging | 40 lb. pails, 441 lb. drums, 2205 lb. totes, and tanker |
| Shelf Life | 12 mths |

| | |
|---------------|-------------|
| Revision Date | 21 Sep 2021 |
| Revision No | 6 |
| Download Date | 09 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