

## EM 1475 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
- Vinyl dressing
- Rubber treatment

### Application

EM 1475 is a 40% active emulsion of 100,000 cSt polydimethylsiloxane. The high molecular weight dimethicone actives are delivered in an opaque, low viscosity liquid with neutral pH. This emulsion was developed as an effective release agent at low concentrations. This product is free of nonylphenols. EM 1475 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

Property	Test Method	Value
Appearance		White liquid
Base Fluid Viscosity (cst)		100000
Ionicity		Anionic
Solids Content (%)		40 %
pH		7.5

#### Addition Rates

Dosage - 1		0.1 - 1%
------------	--	----------

#### 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 23 Apr 2025

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