

## 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%
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#### 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	19 May 2024

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