

## 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

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

#### Addition Rates

Dosage - 1	0.1 - 1%
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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

### Test Method Value

Revision Date	21 Sep 2021
Revision No	6
Download Date	13 May 2024

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