

## EM 1449 35% Active Cationic Emulsion of Amine Functional Polydimethylsiloxane

### Description

This product is an emulsion of amine functional polydimethylsiloxane.

### Key Features

- Excellent wetting and spreading
- High molecular weight for extended performance
- APE Free
- Easily dispersed in water with minimal agitation

### Key Applications

- Mold release
- Leather conditioning
- Vinyl dressing
- Rubber treatment

### Application

EM 1449 is a 35% cationic emulsion of an amine-functional polydimethylsiloxane. This specialty silicone polymer is delivered in an opaque, low viscosity liquid at neutral pH. This emulsion was developed as a multi-substrate release agent. Other release applications include leather conditioning, vinyl dressing and rubber treatment.

### 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
Ionicity	Cationic
Solids Content (%)	35 %
pH	7.5

#### Addition Rates

Dosage - 1	0.5 - 5%
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#### Storage

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

Revision Date	21 Sep 2021
Revision No	9
Download Date	19 May 2024

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**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](mailto:info@cht.com), Homepage: [www.cht.com](http://www.cht.com) / [www.cht-silicones.com](http://www.cht-silicones.com)