

## 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.

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Revision No        9  
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### Property

#### Product

Appearance  
Ionicity  
Solids Content (%)  
pH

#### Addition Rates

Dosage - 1

#### Storage

Max Storage Temperature

Packaging

Shelf Life

### Test Method      Value

White liquid

Cationic

35 %

7.5

0.5 - 5%

40 °C / 104 °F

40 lb. pails, 441 lb. drums,  
and 2205 lb. totes

12 mths

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