

## EM 1409 54% Active Emulsion of Amine Functional Polydimethylsiloxane

### Description

This product is an emulsion of amine functional polydimethylsiloxane.

### Key Features

- Extended performance
- Effective in low concentrations
- Excellent wetting/spreading on surfaces
- Easily dispersed in water with minimal agitation

### Key Applications

- Release agent
- Rubber treatment
- Casting
- Extrusion

### Application

EM 1409 is a 54% active emulsion of amine functional polydimethyl siloxane. The high molecular weight amino

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 which include rubber, casting, and extrusion.

### 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

Ionicity

Solids Content (%)

#### Addition Rates

Dosage - 1

#### Storage

Max Storage Temperature

Packaging

Shelf Life

### Test Method Value

White liquid

Non-ionic

54 %

0.1 - 1%

40 °C / 104 °F

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

12 mths

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