

TECHNICAL DATA SHEET

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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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

The content set out in the technical data sheet does not contain information upon which you should rely. It is provided for general information purposes only and does not constitute a product specification. You must obtain professional or specialist advice before taking any action based on the information provided in the technical data sheet.

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The CHT technical service department is available to offer further information and advice and should it be needed to look at modifying current products or custom formulate a new one to meet your specific requirements. Please contact the technical service department.

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