

TECHNICAL DATA SHEET

EM 1469 55% Active Emulsion of a 60,000 cSt Polydimethylsiloxane

Description

This product is an industrial nonionic polydimethylsiloxane emulsion.

Key Features

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

Key Applications

- Release agent
- Rubber treatment
- Casting
- Extrusion

Application

EM 1469 is a 55% active emulsion of a high molecular weight silicone polymer. 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. EM 1469 is used in a variety of release applications as well as a leather conditioner, 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
Ionicity
Solids Content (%)
pH

Addition Rates

Dosage - 1

Storage

Max Storage
Temperature

Packaging

Shelf Life

Test Method Value

White Liquid
Nonionic
55 %
7.5

0.1 - 1%

40 °C / 104 °F

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

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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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