

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% |
|------------|----------|

Storage

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

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| Revision Date | 21 Sep 2021 |
| Revision No | 9 |
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