

EM 1407 40% Active Emulsion of a High Molecular Weight Polydimethylsiloxane

Description

This product is an industrial anionic polydimethylsiloxane emulsion

Key Features

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

Key Applications

- Release agent
- Auto care
- Leather conditioning
- Rubber treatment

Application

EM-1407 is a 40% 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 1407 is a superior release agent, but has excelled in a wide variety of applications including, hydrophobic coatings, leather conditioning, and automotive care.

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 | Anionic |
| Solids Content (%) | 42 % |
| pH | 8.0 |

Addition Rates

| | |
|------------|----------|
| Dosage - 1 | 0.1 - 1% |
|------------|----------|

Storage

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

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