

TECHNICAL DATA SHEET

EM 1670 RTU 10% Polydimethylsiloxane emulsion

Description

This product is an industrial nonionic polydimethylsiloxane emulsion.

Key Features

- Ready-to-use silicone and preservative levels
- Thick, creamy, clinging viscosity to promote application on vertical surfaces
- Compatible with cationic, anionic, and nonionic systems
- Uniform deposition on surfaces

Key Applications

- Auto care
- Polish formulations
- Leather conditioning
- Multipurpose release agent

Application

EM 1670 RTU is a 10% active emulsion of 350 cSt polydimethylsiloxane. Because of its non-ionic nature, it can be used in a variety of systems, such as non-ionic, anionic, cationic surfactant or polymer systems without forming a complex. EM

1670 RTU delivers 350 cSt PDMS in an industry-leading fine particle size emulsion, permitting a wider range of applications and storage conditions than the competition. EM 1670 RTU's increased viscosity permits easy application on vertical surfaces.

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	Test Method	Value
Product		
Appearance		Milk White
Ionicity		Non-ionic
Solids Content (%)		10 %
pH		8.0
Addition Rates		
Dosage - 1		Ready to use
Storage		
Max Storage Temperature		40 °C / 104 °F
Min Storage Temperature		4 °C / 39 °F
Packaging		40 lb. pails, 441 lb. drums, or 2205 lb. totes
Shelf Life		12 mths

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