

# TECHNICAL DATA SHEET

## EM 1670E 60% active emulsion of 350cst polydimethylsiloxane

Description	Property	Test Method	Value
<b>Description</b> This product is an industrial nonionic polydimethylsiloxane emulsion.	<b>Product</b>		
<b>Key Features</b> <ul style="list-style-type: none"><li>• Industry leading particle size</li><li>• Excellent Freeze-thaw stability</li><li>• Great gloss and water repellency</li><li>• Easily dispersed with water with minimal agitation</li></ul>	Appearance		<b>White Emulsion</b>
<b>Key Applications</b> <ul style="list-style-type: none"><li>• Tire dressing</li><li>• Leather conditioning</li><li>• Rubber treatment</li><li>• Fiberglass treatment</li></ul>	Base Fluid Viscosity (cst)		<b>350</b>
<b>Application</b> EM 1670E is a 60% active emulsion of 350cst polydimethylsiloxane. Because of its non-ionic nature, it can be used in a variety of systems, such as nonionic, anionic, cationic surfactant or polymer systems without forming a complex.	Ionicity		<b>Non-ionic</b>
<b>Packaging Information</b> This product is available for sale as 40 lb. pails and 441 lb. drums and 2205 lb. totes.	MIT Free		<b>Yes</b>
<b>Use and Cure Information</b> 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.	Non-Volatile Content (%)		<b>60</b>
<b>Health &amp; Safety</b> 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.	Ultralow cyclic content		<b>No</b>
<b>Limitations</b> This product is not intended for pharmaceutical use.	pH		<b>8.5</b>
Revision Date 30 Aug 2021	<b>Addition Rates</b>		
Revision No 8	Dosage - 1		<b>1-5%</b>
Download Date 04 Dec 2021	<b>Storage</b>		
	Max Storage Temperature		<b>40 °C / 104 °F</b>
	Min Storage Temperature		<b>4 °C / 39 °F</b>
	Shelf Life		<b>12 mths</b>

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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