

## ICM EM 1616 16% surfactant-free solution of a unique amino-functional siloxane

Description	Property	Test Method Value
This product is a microemulsion of a unique aminofunctional silicone. The specialized aminosilicone is designed to quickly and effectively, hydrophobe and protect a variety of automotive surfaces.	<b>Product</b>	
	Appearance	<b>Yellow, translucent liquid</b>
<b>Key Features</b> <ul style="list-style-type: none"> <li>• Surfactant free</li> <li>• Adds extremely hydrophobic and protective clear coat to car surfaces</li> <li>• Facilitates rapid water sheeting and beading</li> <li>• Lasts up to 90 days before retreatment</li> </ul>	Chemistry	<b>Aminosiloxane Emulsion</b>
	MIT Free	<b>Yes</b>
	Non-Volatile Content (%)	<b>16</b>
	Ultralow cyclic content	<b>No</b>
<b>Key Applications</b> <ul style="list-style-type: none"> <li>• Automotive Care</li> <li>• Leather</li> <li>• Fabric Care</li> <li>• Glass treatments</li> </ul>	pH	<b>4.5</b>
	<b>Addition Rates</b>	
	Dosage - 1	<b>5-20%</b>
<b>Application</b> ICM EM 1616 has been specially formulated for to be surfactant free leaving only the active ingredients after drying. The unique amino-functional siloxane and additives provide a durable crosslinked structure that hydrophobes a variety of materials. It is recommended that this product be thoroughly mixed until uniform, either by hand or with an electric or pneumatic stirrer at low speed to avoid foam generation.	<b>Storage</b>	
	Max Storage Temperature	<b>40 °C / 104 °F</b>
	Min Storage Temperature	<b>4 °C / 39 °F</b>
<b>Use and Cure Information</b> This microemulsion can be used directly or diluted 10:1 in water while maintaining pH less than 6, with any common acid, for optimal stability and effectiveness. 1. Thoroughly clean automotive surfaces before use. 2. Apply using a foam generating lance or spray bottle. 3. For maximum effectiveness allow to dwell for 1-2 minutes. 4. Rinse vigorously to activate. 5. Repeat applications for increased durability and effectiveness.	Shelf Life	<b>12 mths</b>

### 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.

Revision Date 04 Sep 2024  
Revision No 7  
Download Date 14 Nov 2024

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. CHT make reasonable efforts to ensure that information set out in the technical data sheet is complete, accurate, and up-to-date. CHT do not, however, make any representations, warranties or guarantees (whether express or implied) that information set out in the technical data sheet is complete, accurate, or up-to-date or that the product will be suitable for your requirements. You should carry out your own testing to determine the applicability of such information and whether the product will be suitable. CHT reserve the right to modify the technical data sheet at any time. 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.

CHT Germany GmbH: Postfach 12 80, 72002 Tübingen, Bismarckstraße 102, 72072 Tübingen, Germany  
Telephone: 07071/154-0, Fax: 07071/154-290, Email: info@cht.com, Homepage: www.cht.com / www.cht-silicones.com