

EM 1144 60% active emulsion of ultra high molecular weight PDMS

Description	Property	Test Method	Value
This product is an industrial nonionic polydimethylsiloxane emulsion.	Product		
Key Features	% Silicone		60 %
<ul style="list-style-type: none"> • Imparts slip and mar resistance in a high solids emulsion • Self leveling with uniform deposition on a variety surfaces • VOC-free with <0.1% D4 • Performs at low concentrations with excellent wetting/spreading 	Appearance		White liquid
Key Applications	Ionicity		Non-ionic
<ul style="list-style-type: none"> • Water based paints, inks, and coatings • Leather conditioning and rubber treatment • Auto care • Printing applications 	Ultralow cyclic content		Yes
	Storage		
	Max Storage Temperature		40 °C / 104 °F
	Shelf Life		12 mths

Application

EM 1144 is a 60% active non-ionic emulsion of extremely high molecular weight polydimethylsiloxane. This emulsion is completely VOC free and specially developed to impart slip and mar resistance in water borne systems. EM 1144 reduces the coefficient of friction, provides antilocking, imparts leveling, and wetting. EM 1144 is a low (<0.1%) octamethylcyclotetrasiloxane (D4) product.

Packaging Information

This product is available for sale as 40 lb. pails and 430 lb. drums.

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.

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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