

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 emulsionSelf leveling with uniform deposition on a variety of surfacesVOC-free with <0.1% D4Performs 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 coatingsLeather conditioning and rubber treatmentAuto carePrinting applications	Ultralow cyclic content		Yes
Application	Storage		
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.	Max Storage Temperature		40 °C / 104 °F
Packaging Information	Shelf Life		12 mths
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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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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