

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

Description

This product is an industrial nonionic polydimethylsiloxane emulsion.

Key Features

- 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

Key Applications

- Water based paints, inks, and coatings
- Leather conditioning and rubber treatment
- Auto care
- Printing applications

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.

Property

Product

% Silicone
Appearance
Ionicity
Ultralow cyclic content

Storage

Max Storage
Temperature
Shelf Life

Test Method

Value

60 %
White liquid
Non-ionic
Yes

40 °C / 104 °F

12 mths

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