

## 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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