

## EM 1477

### 50% Active Emulsion of a 500,000 cSt hydroxy terminated polydimethylsiloxane

#### Description

This product is an industrial anionic polydimethylsiloxane emulsion

#### Key Features

- Excellent dilution and freeze-thaw stability
- Superior presistance
- Excellent wetting/spreading with improved deposition on surfaces
- Can be formulated with reactive additives

#### Key Applications

- Automotive care
- Vinyl dressing
- Leather Care
- Rubber Treatment

#### Application

EM 1477 is a 50% active emulsion of 500,000 cSt hydroxy terminated polydimethylsiloxane. This anionic emulsion is specially developed to deliver the high molecular weight actives in a low viscosity liquid with neutral pH. EM 1477 is specially formulated to be used in many industrial mold release applications. This product has also proven to be an effective lubricant and hydrophobic agent when formulated into a coating application.

#### 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

Appearance  
Base Fluid Viscosity (cst)  
Ionicity  
Non-Volatile Content (%)  
Ultralow cyclic content  
pH

##### Addition Rates

Dosage - 1

##### Storage

Max Storage Temperature  
Min Storage Temperature  
Packaging  
Shelf Life

#### Test Method

#### Value

White Emulsion

500000

Anionic

50

No

7.5

1-5% in conditioners

40 °C / 104 °F

4 °C / 39 °F

40 lb. pails or 441 lb. drums

12 mths

Revision Date 22 Sep 2021  
Revision No 6  
Download Date 17 May 2024

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