# TECHNICAL DATA SHEET

## ICM EM 100,000 NO NP
## 40% active emulsion of 100,000 cSt hydroxy terminated polydimethylsiloxane

### Description

This product is an industrial anionic polydimethylsiloxane emulsion

### Key Features

- High molecular weight
- Long Lasting
- Performs at low concentrations
- Easily dispersed with water with minimal agitation

### Key Applications

- Automotive Care
- Rubber treatment
- Extrusion
- Leather and Vinyl Care

### Application

ICM EM 100,000 NO NP is a 40% active emulsion of a 100,000 cSt hydroxy terminated polydimethylsiloxane. The high molecular weight dimethicone actives are delivered in an opaque, low viscosity liquid with neutral pH. This emulsion was developed as an effective release agent at low concentrations. ICM EM 100,000 NO NP is free of nonylphenols.

For best results, mix well before use.

| Property | Test Method | Value |
|---|---|---|
| **Product** | | |
| Appearance | | **Milk White** |
| Base Fluid Viscosity (cst) | | **100,000** |
| Density | BS ISO 2781 | **0.98 g/cm3** |
| Ionicity | | **Anionic** |
| Non-Volatile Content (%) | | **40** |
| Ultralow cyclic content | | **No** |
| pH | | **7.5** |
| **Addition Rates** | | |
| Dosage - 1 | | **0.1-1.0%** |
| **Storage** | | |
| Max Storage Temperature | | **40 °C / 104 °F** |
| Min Storage Temperature | | **4 °C / 39 °F** |
| Packaging | | **40 lb. pails or 441 lb. drums** |
| Shelf Life | | **12 mths** |

### 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 ºC (104 ºF) 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