TECHNICAL DATA SHEET

ICM EM 421
Ready to use ultra high molecular weight polydimethylsiloxane emulsion

Description

This product is an industrial nonionic polydimethylsiloxane emulsion.

Key Features

- Ready to use formula
- Compatable with nonionic, anionic, and cationic formulations
- Ultra high viscosity internal polymer for lubrication
- Uniformed deposition on surfaces

Key Applications

- Industrial lubrication
- Leather conditioning
- Auto care
- Rubber treatment

Property	Test Method	Value
Product		
Appearance		**White liquid**
Ionicity		**Non-ionic**
Solids Content (%)		**5 %**
pH		**5**
Addition Rates		
Dosage - 1		**Ready to use in Industrial applications**
Storage		
Max Storage Temperature		**40 °C / 104 °F**
Packaging		**40 lb. pails or 460 lb. drums**
Shelf Life		**12 mths**

Application

ICM EM 421 is a 5% ready to use emulsion of a unique ultra high molecular weight polydimethysiloxane fluid. ICM EM 421 is designed to be used in industrial mold release applications, slip additive for rubber release, and industrial coating were superior mar resistance and hydrophobicity is desired. This product is also an effective leather conditioner and has been used in automotive care, rubber treatment, mold release and printing applications.

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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