

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
- Compatible 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

Application

ICM EM 421 is a 5% ready to use emulsion of a unique ultra high molecular weight polydimethylsiloxane fluid. ICM EM 421 is designed to be used in industrial mold release applications, slip additive for rubber release, and industrial coating where 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 °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.

Revision Date 22 Nov 2021
Revision No 7
Download Date 23 Apr 2025

Property

Product

Appearance
Ionicity
Solids Content (%)
pH

Addition Rates

Dosage - 1

Storage

Max Storage Temperature
Packaging
Shelf Life

Test Method

Value

White liquid
Non-ionic
5 %
5

Ready to use in Industrial applications

40 °C / 104 °F

40 lb. pails or 460 lb. drums

12 mths