

LE-458

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Description

LE-458 silicone emulsion is a high solids emulsion of regular viscosity polydimethylsiloxane fluids. It is an excellent candidate to consider for release agents and lubricants.

LE-458 silicone emulsion is a non-ionic aqueous system which has good stability and dilution in water.

Key Features and Typical Benefits

- Excellent stability
- May improve gloss and rub-out properties
- Easy dilution in water
- Nonflammable
- Low surface energy
- May be cost-effective since it can be used directly or diluted to a concentration determined by the application
- Excellent lubricity

Typical Physical Properties

Physical state	Liquid
Appearance	Milky white
Solids content, %	65
pH @ 25° C	7.0
Viscosity at 25° C, 3/12	6,400 cps
Emulsion type	Non-ionic
Suitable diluent	Water

Typical data are average data and actual results may vary.

Typical data shall not be used as product specifications.

Potential Applications

- Lubricants and release agents
- Rubber and plastic molding
- Polishes and cleaners
- Automotive and furniture polishes, and in glass, leather and vinyl cleaners

To ensure that the product quality is maintained, the container should be tightly sealed when not in use. Store at normal room temperature, and prevent prolonged exposure to extreme heat or freezing conditions, which may cause product separation. If separation does occur, thaw if frozen, stir the contents, and use in

the normal manner.

Patent Status

Nothing contained herein shall be construed to imply the nonexistence of any relevant patents or to constitute the permission, inducement or recommendation to practice any invention covered by any patent, without authority from the owner of the patent.

Product Safety, Handling and Storage

Customers should review the latest Safety Data Sheet (SDS) and label for product safety information, safe handling instructions, personal protective equipment if necessary, emergency service contact information, and any special storage conditions required for safety. Momentive Performance Materials (MPM) maintains an around-the-clock emergency service for its products. SDS are available at www.momentive.com or, upon request, from any MPM representative. For product storage and handling procedures to maintain the product quality within our stated specifications, please review Certificates of Analysis, which are available in the Order Center. Use of other materials in conjunction with MPM products (for example, primers) may require additional precautions. Please review and follow the safety information provided by the manufacturer of such other materials.

Limitations

Customers must evaluate Momentive Performance Materials products and make their own determination as to fitness of use in their particular applications.

Contact Information

For product prices, availability, or order placement, contact our customer service at Momentive.com/CustomerService/

For literature and technical assistance, visit our website at: www.momentive.com

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