

Michem® Emulsion 93135M

BRAND FAMILY OVERVIEW Michem® Emulsion is a versatile family of products that adds value to a wide range of markets. These markets include paint & coatings, fiberglass, inks & OPVs, floor care, wood finishes, automotive care products, building products, carpets, die lubricants, textiles and urethane foam.

USAGE A phenol and formaldehyde-free emulsion used in floor polish formulations for black heel mark resistance, toughness and buffability, mar, scuff, and chemical resistance. It is also suitable for sizing applications for chopped strand and continuous fiber.

DESCRIPTION High density polyethylene emulsion

PERFORMANCE ATTRIBUTES This product is used in many applications including the following:

| Market | Properties Imparted |
|----------------------------|---|
| Fiber Sizing | <i>chopped strands, continuous fiber, PE compatible, slip and lubricity</i> |
| Industrial & Institutional | <i>abrasion resistance, black heel resistance, buffability, mar resistance, slip resistance</i> |
| Inks | <i>chemical resistance, mar resistance</i> |
| Nonwovens | <i>block resistance</i> |
| Overprint Varnishes | <i>chemical resistance, mar resistance</i> |

PHYSICAL PROPERTIES The following properties are typical but should not be considered specifications:

| | |
|--------------------------------|-----------------------------|
| Appearance: | Tan, translucent liquid |
| Solids Type: | High Density Polyethylene |
| Emulsifier Charge: | Nonionic |
| Freeze/Thaw Stability: | None: protect from freezing |
| Non-Volatile (%) : | 34.5 - 35.5 |
| Specific Gravity: | 0.98 - 1.00 |
| pH: | 9.5 - 11.0 |
| Recommended pH of your system: | > 7.0 |
| Brookfield Viscosity (cps) : | < 100 |
| Spindle Number: | 1 |
| RPM: | 60 |

**SITE OF MANUFACTURE
(and PRODUCT CODE)** USA (ME93135M), Singapore (ME93135M.S)

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STORAGE Keep containers tightly closed in a dry, cool and well-ventilated place. Keep out of the reach of children. Store locked up.

HANDLING Avoid contact with skin, eyes or clothing. Do not eat, drink or smoke when using this product. Handle in accordance with good industrial hygiene and safety practice. Use personal protection equipment.

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The following information for this product, specific to each site of manufacture, is available upon request:

- Material Safety Data Sheets in various formats and languages (includes global chemical inventory listing)
- Food Contact Declaration of Compliance (if applicable)

Americas

Michelman Inc.
Tel: +1 513 793 7766
Fax: +1 513 793 2504

Luxembourg

Michelman International SARL
Tel: +352 26 39 44 1
Fax: +352 26 39 44 80

Singapore

Michelman Asia-Pacific Pte. Ltd.
Tel: +65 6861 2822
Fax: +65 6861 2262

China

Michelman New Material
(Shanghai) Co., Ltd.
Tel: +86 21 3810 3800
Fax: +86 21 3810 3811

India

Michelman Private Limited
Tel: +91 22 6221 3800
Fax: +91 22 6221 3801/02

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