

# Michem® Emulsion 93135M

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

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**STORAGE** Keep container tightly closed. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing. Keep out of the reach of children.

**HANDLING** Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

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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)

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