

# Michem® Emulsion 93935

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

**USAGE** A phenol and formaldehyde free wax emulsion used in floor polish formulations where it imparts black heel resistance, toughness and buffability and mar and scuff resistance. It is also useful in paint and varnish formulations to impart durability, block, mar and scratch resistance.

**DESCRIPTION** Nonionic polyethylene emulsion

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

Market	Properties Imparted
Automotive Care	<i>durability, leather satin finish, mar resistance</i>
Building Paints	<i>block resistance, mar resistance</i>
Die Lubes & Mold Releases	<i>lubricity, mold release</i>
Exterior Wood Protection	<i>block resistance, durability, mar resistance, scratch resistance</i>
Furniture Polish	<i>block resistance, mar resistance</i>
Industrial & Institutional	<i>abrasion resistance, black heel resistance, buffability, slip resistance</i>
Industrial Wood & Plastic	<i>abrasion resistance, block resistance, scratch resistance</i>
Overprint Varnishes	<i>block resistance, rub resistance</i>
Textiles & Leather	<i>scuff resistance and feel</i>

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<b>PHYSICAL PROPERTIES</b>	The following properties are typical but should not be considered specifications:	
Appearance:	Translucent liquid	
Freeze/Thaw Stability:	None: protect from freezing	
Non-Volatile (%) :	34.5 - 35.5	
Specific Gravity:	0.99 - 1.01	
pH:	9.0 - 10.5	
Recommended pH of your system:	> 7.0	
Brookfield Viscosity (cps) :	< 50	
Spindle Number:	1	
RPM:	60	
Shelf Life (months) :	The product has a shelf life of 12 months from date of manufacture when storage and handling instructions are followed.	

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**SITE OF MANUFACTURE (and PRODUCT CODE)** USA (ME93935), Belgium (ME93935.E), Singapore (ME93935.S)

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

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**HANDLING** Avoid contact with eyes. 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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