

# Michem® Guard 7140

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**BRAND FAMILY OVERVIEW** Michem® Guard waterborne dispersions add optimum slip, and abrasion, mar, and block resistance without using solvents. Some also provide a matting effect for a more natural appearance.

**USAGE** This water-based dispersion provides block, rub, and abrasion resistance, and matting in pigmented and semi-gloss coatings, inks, and overprint varnishes. It also produces smooth satin finishes at a 5-10% addition rate.

**DESCRIPTION** Anionic polyethylene dispersion

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

Market	Properties Imparted
Building Paints	<i>mar resistance</i>
Exterior Wood Protection	<i>durability, scratch resistance</i>
Gloves	<i>matting, rub resistance</i>
Inks	<i>abrasion resistance, block resistance, mar resistance, matting, rub resistance, scratch resistance</i>
Leather	<i>abrasion resistance, block resistance, mar resistance, scratch resistance, scuff resistance and feel</i>
OEM Applied Wood Protection	<i>abrasion resistance, block resistance, matting, scratch resistance</i>
Overprint Varnishes	<i>abrasion resistance, block resistance, matting, rub resistance, scratch resistance</i>

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

Appearance:	White liquid
Solids Type:	Polyethylene
Emulsifier Charge:	Anionic
Non-Volatile (%) :	39.5 - 40.5
pH:	5.0 - 7.0
Recommended pH of your system:	4.0 - 10.0
Brookfield Viscosity (cps) :	< 500
Spindle Number:	3
RPM:	60

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**SITE OF MANUFACTURE** USA (MGRD7140), Singapore (MGRD7140.S)  
**(and PRODUCT CODE)**

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

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**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)

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