

# Michem® Guard 349

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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** Designed to impart rub resistance, block resistance and matting properties to aqueous paints, coatings and inks.

**DESCRIPTION** Fischer-Tropsch Dispersion

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

Market	Properties Imparted
Building Paints	<i>block resistance, matting, rub resistance, scratch resistance</i>
Exterior Wood Protection	<i>block resistance, matting, rub resistance, scratch resistance</i>
Gloves	<i>block resistance, donnability</i>
Inks	<i>block resistance, matting, rub resistance, scratch resistance</i>
Interior Furniture & Floor	<i>block resistance, matting, rub resistance, scratch resistance</i>
Leather	<i>block resistance, rub resistance, scratch resistance</i>
OEM Applied Wood Protection	<i>block resistance, matting, rub resistance, scratch resistance</i>
Overprint Varnishes	<i>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:	Fischer-Tropsch
Emulsifier Charge:	Nonionic
Non-Volatile (%) :	49.5 - 50.5
pH:	6.5 - 8.5
Recommended pH of your system:	2.0 - 12.0
Brookfield Viscosity (cps) :	500 - 1000
Spindle Number:	3
RPM:	60

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**SITE OF MANUFACTURE (and PRODUCT CODE)** USA (MGRD349), Singapore (MGRD349.S)

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

**HANDLING** 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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