

# Michem® Guard 1350

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

**USAGE** Water based one micron dispersion which improves rub and abrasion resistance in pigmented and semi-gloss coatings, and inks and overprint varnishes at very low addition rates with little effect on gloss.

**DESCRIPTION** Nonionic dispersion of polyethylene wax

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

Market	Properties Imparted
Industrial Wood & Plastic	<i>abrasion resistance, block resistance, matting, scratch resistance</i>
Inks	<i>block resistance, rub resistance, scratch resistance</i>
Interior Furniture & Floor	<i>mar 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:	Polyethylene
Emulsifier Charge:	Nonionic
Non-Volatile (%) :	49.5 - 50.5
pH:	7.0 - 8.0
Recommended pH of your system:	4.0 - 10.0
Brookfield Viscosity (cps) :	< 500
Spindle Number:	2
RPM:	60

**SITE OF MANUFACTURE (and PRODUCT CODE)** USA (MGRD1350), Belgium (MGRD1350.E), Singapore (MGRD1350.S)

**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. 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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