

# Michem® Guard 1350

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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** Water-based 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** Polyethylene Dispersion

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

Market	Properties Imparted
Inks	<i>block resistance, rub resistance, scratch resistance</i>
Interior Furniture & Floor	<i>mar resistance</i>
OEM Applied Wood Protection	<i>abrasion resistance, block resistance, scratch resistance</i>
Overprint Varnishes	<i>block resistance, 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, skin and clothing. Handle in accordance with good industrial hygiene and safety practice. Use personal protective equipment as required.

Revised 05 January 2022

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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