

# Michem® Guard 25

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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** This water based dispersion promotes mar resistance and flattening properties in paint and coating formulations.

**DESCRIPTION** Nonionic polyethylene dispersion

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

Market	Properties Imparted
Industrial Wood & Plastic	<i>abrasion resistance, matting, scratch resistance</i>
Inks	<i>mar resistance, matting</i>
Overprint Varnishes	<i>matting</i>

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

Appearance:	White, viscous liquid
Solids Type:	Polyethylene
Emulsifier Charge:	Nonionic
Non-Volatile (%) :	39.0 - 43.0
pH:	7.0 - 8.5
Recommended pH of your system:	> 7.0
Brookfield Viscosity (cps) :	< 8500
Spindle Number:	4
RPM:	60

**SITE OF MANUFACTURE (and PRODUCT CODE)** USA (MGRD25), Belgium (MGRD25.E)

**STORAGE** Keep away from heat and sources of ignition. Keep containers tightly closed in a dry, cool and well-ventilated place. Keep from freezing.

**HANDLING** Avoid breathing vapors or mists. Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. Keep away from heat/sparks/open flames/hot surfaces. - No smoking. Use personal protective equipment as required.

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Revised 08 December 2014

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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