

Michem® Guard 349

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

DESCRIPTION Nonionic polyethylene 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> |
| Industrial Wood & Plastic | <i>block resistance, matting, rub resistance, scratch resistance</i> |
| Inks | <i>block resistance, matting, rub resistance, scratch resistance</i> |
| Interior Furniture & Floor | <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: | Polyethylene |
| 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 |

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

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

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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