

Michem® Guard 7140

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 A water-based, dispersion which improves blocking, rub and abrasion resistance, and matting in pigmented coatings and semi-gloss coatings, inks, and overprint varnishes and at very low addition rates. It also produces smooth satin finishes at 5-10% addition rates.

DESCRIPTION Anionic polyethylene dispersion

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

| Market | Properties Imparted |
|---------------------------|--|
| Building Paints | <i>mar resistance</i> |
| Exterior Wood Protection | <i>durability, scratch resistance</i> |
| Industrial Wood & Plastic | <i>abrasion resistance, block resistance, matting, scratch resistance</i> |
| Inks | <i>block resistance, mar resistance, matting, rub resistance, scratch resistance</i> |
| Overprint Varnishes | <i>block resistance, matting, rub resistance, scratch resistance</i> |
| Textiles & Leather | <i>scuff resistance and feel</i> |

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

| | |
|--------------------------------|--------------|
| Appearance: | White liquid |
| Solids Type: | Polyethylene |
| Emulsifier Charge: | Anionic |
| Non-Volatile (%) : | 39.5 - 40.5 |
| pH: | 5.0 - 7.0 |
| Recommended pH of your system: | 4.0 - 10.0 |
| Brookfield Viscosity (cps) : | < 500 |
| Spindle Number: | 3 |
| RPM: | 60 |

SITE OF MANUFACTURE (and PRODUCT CODE) USA (MGRD7140), Singapore (MGRD7140.S)

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

HANDLING Avoid contact with eyes. Handle in accordance with good industrial hygiene and safety practice.

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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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