

Michem® Guard 7140

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 This water-based dispersion provides block, rub, and abrasion resistance, and matting in pigmented and semi-gloss coatings, inks, and overprint varnishes. It also produces smooth satin finishes at a 5-10% addition rate.

DESCRIPTION Anionic polyethylene dispersion

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

| Market | Properties Imparted |
|-----------------------------|--|
| Building Paints | mar resistance |
| Exterior Wood Protection | durability, scratch resistance |
| Gloves | matting, rub resistance |
| Inks | abrasion resistance, block resistance, mar resistance, matting, rub resistance, scratch resistance |
| Leather | abrasion resistance, block resistance, mar resistance, scratch resistance, scuff resistance and feel |
| OEM Applied Wood Protection | abrasion resistance, block resistance, matting, scratch resistance |
| Overprint Varnishes | abrasion resistance, block resistance, matting, rub resistance, scratch resistance |

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 |

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

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

HANDLING Avoid contact with eyes, skin and clothing. 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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