

Michem® Prime 4983-40R

BRAND FAMILY OVERVIEW Michem® Prime functionalized copolymer dispersions deliver the flexibility, water/chemical resistance and barrier properties of polyethylene in a water-based form. Property enhancements include; excellent clarity, adhesion, lower heat seal temperature, toughness, and crosslinkability.

USAGE Provides outstanding adhesion to metallic and cellulosic substrates and enhances the water, grease, oil and solvent resistance of coatings and adhesives and is a high solids, more economical version of Michem® Prime 4983R. . The adhesion properties of Michem® Prime facilitate its use as a primer for extrusion coatings. Utilizing this "tie coat" functionality, dissimilar materials can be combined to produce a substrate with the unique properties of each material.

DESCRIPTION Copolymer dispersion

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

Market	Properties Imparted
Cable & Cordage	<i>adhesion promotion, chemical resistance, heat seal, water resistance</i>
Leather	<i>adhesion promotion, heat seal</i>
Technical Textiles	<i>binder</i>

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

Appearance:	White, viscous liquid
Emulsifier Charge:	Ammoniated dispersion
Freeze/Thaw Stability:	None: protect from freezing
Non-Volatile (%) :	39.0 - 41.0
Specific Gravity:	0.97 - 0.99
pH:	7.4 - 8.4
Recommended pH of your system:	> 7.0
Brookfield Viscosity (cps) :	1000 - 4000
Spindle Number:	3
RPM:	30
Shelf Life (months) :	The product has a shelf life of 12 months from date of manufacture when storage and handling instructions are followed.

SITE OF MANUFACTURE (and PRODUCT CODE) USA (MP498340R), Belgium (MP498340R.E), Singapore (MP498340R.S)

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

HANDLING 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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