

# Michem™ Dispersion Urethane 2022

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**BRAND FAMILY OVERVIEW** Michem Dispersion Urethanes are water based polyurethane dispersions that can enhance toughness, scratch resistance, water resistance and flexibility of coatings. Michem Dispersion Urethanes are useful for industrial wood, concrete, and metal substrates.

**USAGE** A tin-free dispersion that provides very good chemical resistance, fast drying and hardening, and abrasion resistance for wood floor and furniture coatings.

**DESCRIPTION** Water-based polyurethane-acrylic hybrid dispersion

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

Market	Properties Imparted
Building Paints	<i>abrasion resistance, chemical resistance, hardness</i>
Industrial Wood & Plastic	<i>abrasion resistance, chemical resistance, gloss enhancement, scratch resistance, wood grain enhancement</i>

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

Appearance:	White translucent liquid
Solids Type:	Polyurethane Acrylic hybrid
Emulsifier Charge:	Anionic
Minimum Film Forming Temperature (degrees Celsius) :	40
Non-Volatile (%) :	33.0 - 36.0
pH:	7.0 - 9.0
Brookfield Viscosity (cps) :	20 - 500
Spindle Number:	2
RPM:	20
Shelf Life (months) :	The product has a shelf life of 12 months from date of manufacture when storage and handling instructions are followed.

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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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