

# Michem® Emulsion D310

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**BRAND FAMILY OVERVIEW** Michem® Emulsion is a versatile family of products that adds value to a wide range of markets. Markets include paint & coatings, fiberglass, inks & OPVs, floor care, wood finishes, automotive care products, building products, carpets, die lubricants, fruit & vegetable coatings, textiles, and urethane foam.

**USAGE** This low-VOC aqueous nylon dispersion is designed for excellent toughness and abrasion resistance especially in high temperature applications. This small particle size dispersion has excellent film forming properties and produces high strand integrity, and is solvent and APE free. It is an excellent film former that has good heat sealing capabilities for a variety of substrates, especially polyolefins.

**DESCRIPTION** Anionic polyamide dispersion

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

Market	Properties Imparted
Inks	<i>scratch resistance, scratch resistance</i>
Overprint Varnishes	<i>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
Freeze/Thaw Stability:	None: protect from freezing
Non-Volatile (%) :	22.0 - 24.0
Specific Gravity:	0.94 - 1.00
pH:	9.7 - 10.7
Brookfield Viscosity (cps) :	< 100
Spindle Number:	3
RPM:	60
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 (MED310), Belgium (MED310.E)

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

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**HANDLING** Ensure adequate ventilation. 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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