MICHELMAN®

Michem® Lube 693

BRAND FAMILY OVERVIEW Michem® Lube is a versatile family of nanoscale wax emulsions, which are mostly carnauba and paraffin-based, used to improve processing and performance in many industries, as well as provide a wide array of surface properties.

USAGE This emulsion enhances water repellency, water bead, moisture, and vapor resistance in wood coating applications.

DESCRIPTION Polyethylene / Paraffin Wax blend Emulsion

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

Market	Properties Imparted
Exterior Wood Protection	*release, water beading, water repellence, water resistance*
Inks	*water repellence*
OEM Applied Wood Protection	*water resistance*
Overprint Varnishes	*water repellence*
Technical Textiles	*lubricity*

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

Appearance:	Cream colored liquid
Freeze/Thaw Stability:	None: protect from freezing
Non-Volatile (%) :	38.5 - 39.5
Specific Gravity:	0.96 - 0.98
pH:	9.0 - 10.0
Recommended pH of your system:	> 7.0
Brookfield Viscosity (cps) :	100 - 750
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 (ML693)

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

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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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