

Michem® Lube 180

BRAND FAMILY OVERVIEW Michem® Lube is a versatile family of nanoscale wax emulsions, 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 Provides slip, release and anti-blocking properties in a number of applications from wood coatings to synthetic and natural lattices. It also provides mar and scratch resistance and water repellence in varnishes and other coatings.

DESCRIPTION Anionic co-emulsion of carnauba and paraffin waxes

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

Market	Properties Imparted
Gloves	<i>donnability, release</i>
Industrial Wood & Plastic	<i>block resistance, lubricity, water resistance</i>
Inks	<i>release, release</i>
Overprint Varnishes	<i>release</i>
Textiles & Leather	<i>block resistance</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 (%) :	24.5 - 25.5
Specific Gravity:	0.98 - 1.00
pH:	4.5 - 6.5
Brookfield Viscosity (cps) :	< 25
Spindle Number:	1
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 (ML180), Singapore (ML180.S)

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

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HANDLING Avoid contact with eyes, skin and clothing. Ensure adequate ventilation. 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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