

Michem® Lube 180

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 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 Carnauba / paraffin wax blend emulsion

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

Market	Properties Imparted
Gloves	<i>block resistance, detackifier, mold release</i>
Inks	<i>release</i>
Leather	<i>block resistance</i>
OEM Applied Wood Protection	<i>block resistance, lubricity, water resistance</i>
Overprint Varnishes	<i>release</i>

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

Appearance:	Off-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)** 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. 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)

Americas

Michelman Inc.
Tel: +1 513 793 7766
Fax: +1 513 793 2504

Luxembourg

Michelman International SARL
Tel: +352 26 39 44 1
Fax: +352 26 39 44 80

Singapore

Michelman Asia-Pacific Pte. Ltd.
Tel: +65 6861 2822
Fax: +65 6861 2262

China

Michelman New Material
(Shanghai) Co., Ltd.
Tel: +86 21 3810 3800
Fax: +86 21 3810 3811

India

Michelman Private Limited
Tel: +91 22 6221 3800
Fax: +91 22 6221 3801/02

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