MICHELMAN®

Michem® Emulsion 93235

BRAND FAMILY OVERVIEW

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

USAGE

A phenol-free additive best used in water-based coatings where improved slip, rub resistance, hardness, or block resistance is needed. It provides effective mar resistance in floor polish formulations, and shine and mar resistance in auto polish formulations.

DESCRIPTION

High density polyethylene emulsion

PERFORMANCE ATTRIBUTES

This product is used in many applications including the following:

Market	Properties Imparted
Building Paints	*block resistance, lubricity, mar resistance*
Die Lubes & Mold Releases	*block resistance, slip resistance*
Exterior Wood Protection	*block resistance, durability, scratch resistance*
Industrial & Institutional	*abrasion resistance, block resistance, buffability, hardness, mar resistance, rub resistance, slip resistance*
Inks	*block resistance, rub resistance, scratch resistance, slip resistance*
Interior Furniture & Floor	*lubricity*
Leather	*lubricity, lubricity for needle and thread, rub resistance, scratch resistance, scuff resistance and feel*
OEM Applied Wood Protection	*abrasion resistance, block resistance, lubricity, scratch resistance*
Overprint Varnishes	*block resistance, gloss enhancement, mar resistance, rub resistance, scratch resistance, slip resistance*
Thermal Transfer	*mar resistance, release*

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PHYSICAL PROPERTIES

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

Appearance:	Translucent liquid
Solids Type:	High Density Polyethylene
Freeze/Thaw Stability:	None: protect from freezing
Non-Volatile (%) :	34.5 - 35.5
Specific Gravity:	0.99 - 1.01
pH:	8.5 - 10.5
Recommended pH of your system:	> 7.0
Brookfield Viscosity (cps) :	< 50
Spindle Number:	1
RPM:	60

SITE OF MANUFACTURE (and PRODUCT CODE)

USA (ME93235), Singapore (ME93235.S)

STORAGE

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

HANDLING

Avoid contact with eyes. 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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