

# NatureShield® 31

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**BRAND FAMILY OVERVIEW** NatureShield® products from Michelman are environmentally friendly emulsions and natural oil blends designed to improve the weatherability of exterior surface coatings by providing water resistance and good water bead to wood and concrete. They enhance the natural pattern of wood and can serve as an effective additive in improving the durability and aesthetics of stone based substrates.

**USAGE** Provides excellent water resistance for topical wood coatings. This product works to prevent the swelling of wood in the presence of water as well as providing great water bead.

**DESCRIPTION** Anionic, natural materials emulsion

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

Market	Properties Imparted
Exterior Wood Protection	swell resistance, water beading

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

Appearance:	Cream colored liquid
Solids Type:	Organic
Emulsifier Charge:	Anionic
Non-Volatile (%) :	29.5 - 30.5
pH:	7.7 - 9.0
Recommended pH of your system:	> 7.0
Brookfield Viscosity (cps) :	< 200
Spindle Number:	2
RPM:	60

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

**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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