

# VaporCoat® 851

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**BRAND FAMILY OVERVIEW** VaporCoat® recyclable water-based coatings confer high barrier to paper-based packaging and wraps. Most VaporCoat grades are designed for “low MVTR”, to retard water vapor transmission in order to keep perishables fresh, frozen goods intact, or sensitive contents in factory condition. In response to market interest for greater food safety and preservation, additional VaporCoat products can inhibit contaminants ordinarily found in recycled paper from migrating into packaged dry food.

**USAGE** Designed primarily for MVTR, this product also provides water resistance and some oil and grease resistance. It is gluable with both cold set and hot melt adhesives and is printable with water based inks.

**DESCRIPTION** Moisture barrier (MVTR) coating

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

Market	Properties Imparted
Industrial	<i>lamination, MVTR, water resistance</i>

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

Appearance:	Off-white liquid
Solids Type:	Polymer / Pigment
Non-Volatile (%) :	59.0 - 62.0
pH:	8.0 - 10.0
Brookfield Viscosity (cps) :	400 - 850
Spindle Number:	3
RPM:	60

**SITE OF MANUFACTURE** USA (VC851)  
**(and PRODUCT CODE)**

**APPLICATION DATA** VaporCoat® 851 should be applied using a rod coater.

**STORAGE** 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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