

# Michem® Flex HS9105

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**BRAND FAMILY OVERVIEW** Michem® Flex is a range of functional, sustainable water-based technologies optimized for flexible packaging.

**USAGE** A heat seal coating that provides water and oil resistance, good wettability, hot-tack and cold-tack performance, as well as moderate MVTR (moisture vapor transmission rate) and is well-suited to flexible packaging structures. This coating has excellent global food contact compliance.

**DESCRIPTION** Water resistant heat seal coating

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

|                              |   |
|------------------------------|---|
| Appearance:                  | Translucent   |
| Solids Type:                 | Copolymer   |
| Freeze/Thaw Stability:       | None: protect from freezing   |
| Non-Volatile (%) :           | 19.0 - 21.0   |
| Specific Gravity:            | 0.99 - 1.01   |
| pH:                          | 9.0 - 11.0  |
| Brookfield Viscosity (cps) : | 20 - 250  |
| Spindle Number:              | 2   |
| 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 (MFHS9105), Belgium (MFHS9105.E)

**APPLICATION DATA** Rod/Gravure/Flexo

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

**HANDLING** Ensure adequate ventilation. Handle in accordance with good industrial hygiene and safety practice. If this product contains synthetic polymer microparticles, ensure that the product is not released to the environment. If applicable, the product should be mixed in closed containers to prevent a release of synthetic polymer microparticles into the environment.. 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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