

**Michelman® Michem® Flex P1883 Water based heat seal coating and primer**

Category : Fluid , Other Engineering Material , Additive/Filler for Polymer

**Material Notes:**

**Description:** Water based heat seal coating and primer for extrusion coated resins. **Usage:** Michem® Flex P1883 is a general purpose primer for metal and paper substrates to promote adhesion to extrusion coated resins resulting in strong bond strength and chemical resistance. It may also be used as a heat seal coating for bonding aluminum foil to itself. **Application Data:** Michem® Flex P1883 may be applied via flexo, gravure or smooth roll coater. When possible, corona or flame treat substrates prior to priming and dry thoroughly with hot, circulating air. May be used for in-line or off-line processes. Recommended application weight as an extrusion primer is between 0.1 - 1.0 dry g/m<sup>2</sup>. Heat seal coatings require heavier application weights, typically 1-3 dry g/m<sup>2</sup>. When manufactured in the USA and Belgium Product meets food contact regulations for: Europe: Euro. Res. AP(2004)1 (Restricted) and Commission Regulation (EU) n° 10/2011 (Restricted) Germany: BfR Recommendation XIV and BfR Recommendation XXXVI Food Contact Information when manufactured in the USA, Belgium and Singapore: FDA:175.105: Components of adhesives. 175.300: Resinous and polymeric components of coatings. (Restricted) 175.320: Resinous and polymeric components of coatings for polyolefin films. (Restricted) 176.170: Components of paper and paperboard in contact with aqueous and fatty foods. (Restricted) 176.180: Components of paper and paperboard in contact with dry foods. When manufactured in Singapore product meets food contact regulations for: Europe: Euro. Res. AP(2004)1 (Restricted) and Commission Regulation (EU) n° 10/2011 (Restricted) Germany: BfR Recommendation XIV (Restricted) and BfR Recommendation XXXVI (Restricted) Information provided by Michelman®

Order this product through the following link:

[http://www.lookpolymers.com/polymer\\_Michelman-Michem-Flex-P1883-Water-based-heat-seal-coating-and-primer.php](http://www.lookpolymers.com/polymer_Michelman-Michem-Flex-P1883-Water-based-heat-seal-coating-and-primer.php)

Physical Properties	Metric	English	Comments
Specific Gravity	0.980 - 1.00 g/cc	0.980 - 1.00 g/cc	
Volatiles	74.6 - 75.8 %	74.6 - 75.8 %	
pH	8.4 - 9.4	8.4 - 9.4	
Brookfield Viscosity	50 - 400 cP	50 - 400 cP	Spindle # 2, rpm 60

Descriptive Properties	Value	Comments
Appearance	Translucent liquid	

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