

# Formulation Additives

Technical Data Sheet

## Foamaster<sup>®</sup> MO 2140 (old: Foamaster<sup>®</sup> PL)



**Product Description** Foamaster<sup>®</sup> MO 2140 is a 100% active defoamer developed to provide effective long-term defoaming for water based paints and coatings.

**Chemical Composition** Multi-hydrophobic blend containing mineral oil.

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### Properties

<b>Product Specifications</b>	Density (T-013)	6.6 – 7.2 lb/gal
	Water content (mass %) (N-171B)	0.0 – 0.5 %
	Active Matter	100%
<b>Typical Characteristics</b>	Appearance	opaque, off-white liquid
	IR Identity (T-001)	corresponds to the standard
	Dispersability (in water) (N-111A)	insoluble
	Flash point	> 93.4 °C

These typical values should not be interpreted as specifications.

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### Applications

Foamaster<sup>®</sup> MO 2140 was specifically designed to achieve defoaming persistency without sacrificing exceptional film compatibility even when used in today's coatings employing synthetic Rheology modifiers.

**Dosage** On total formula weight, use 0.2 – 1.0 % of Foamaster<sup>®</sup> MO 2140. Always mix well before using.

**Technical Data** Foamaster<sup>®</sup> MO 2140 is effective in paints using associative thickeners, it is recommended for defoaming of:

- Waterborne architectural coatings
- Aqueous printing inks

In paint formulations, as little as 2 – 5 pounds of Foamaster<sup>®</sup> MO 2140 effectively defoam 100 gallons of paint. In paint manufacture, it is usually advantageous to split the addition of defoamer. Add one-half the normal amount to the pigment grind prior to grinding to suppress the formation of foam. Add remainder to the "let-down" portion of the paint.

Foamaster<sup>®</sup> MO 2140 is recommended for used in all major resin systems including acrylic, PVA and vinyl/acrylic. No one defoamer can best service all manufacturing procedures. Individual manufacturing methods will determine the optimum amount of defoamer.

## Safety

### General

The usual safety precautions when handling chemicals must be observed. These include the measures described in Federal, State, and Local health and safety regulations, thorough ventilation of the workplace, good skin care, and wearing of protective goggles.

### Material Safety Data Sheet

All safety information is provided in the Material Safety Data Sheet for Foamaster® MO 2140.

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## Storage

Foamaster® MO 2140 is subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year. Foamaster® MO 2140 is shipped in 55 gallon steel drums.

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BASF Corporation  
Dispersions and Pigments  
11501 Steele Creek Road  
Charlotte, North Carolina 28273  
Phone: (800) 251 – 0612  
Email: [edtech\\_info@basf.com](mailto:edtech_info@basf.com)  
[www.basf.us/dpsolutions](http://www.basf.us/dpsolutions)