

# Formulation Additives

Technical Data Sheet

## Foamaster<sup>®</sup> MO 2133 (old: Foamaster<sup>®</sup> SA-3)



**Product Description** Foamaster<sup>®</sup> MO 2133 is a 100% active defoamer developed to provide efficient and economical defoaming in water-based coatings.

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

### Properties

<b>Product Specifications</b>	Density (T-013)	6.9 – 7.3 lb/gal
	Water content (mass %) (N-171B)	0.0 – 0.6 %
	Active Matter	100%
	Ash Content	7.3 – 8.5 %
<b>Typical Characteristics</b>	Appearance	opaque, white to off-white liquid
	IR Identity (T-001)	corresponds to the standard
	Dispersability (in water) (N-111A)	insoluble
	Flash point	> 149 °C

These typical values should not be interpreted as specifications.

### Applications

Foamaster<sup>®</sup> MO 2133 utilizes four different defoaming mechanisms, including a multiple hydrophobic system which results in broad spectrum defoaming performance.

**Dosage** On total formula weight, use 0.2 – 1.0 % of Foamaster<sup>®</sup> MO 2133. Always mix well before using.

**Technical Data** Foamaster<sup>®</sup> MO 2133 has the following characteristics:

- Broad spectrum
- High defoaming efficiency / economy
- Rapid bubble break
- Excellent defoaming persistence
- Exceptional film compatibility
- Minimal color development problems
- Effective over broad pH range
- Water-free composition results in reduced shipping costs & prevents internal microbial activity

In paint formulations, as little as 2 – 5 pounds of Foamaster<sup>®</sup> MO 2133 effectively defoam 100 gallons of paint. In paint manufacture, it is usually advantageous to split the addition of defoamer. Add one-half of the normal amounts to the pigment grind prior to grinding to suppress the formation of foam add the remainder to the "letdown" portion of the paint.

Foamaster® MO 2133 is recommended for use 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.

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## 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 2133.

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## Storage

Foamaster® MO 2133 is subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year. Foamaster® MO 2133 is shipped in 55 gallon steel drums.

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