

Formulation Additives

Technical Data Sheet

Foamaster[®] MO 2190 (old: Foamaster[®] WBA)



Product Description Foamaster[®] MO 2190 is a 100% active, liquid defoamer. Foamaster[®] MO 2190 was specially designed to optimize effectiveness, persistence and compatibility in latex based adhesives. It has also proven effective in certain coating applications.

Chemical Composition Defoamer

Properties

Product Specifications

Density	0.886 g/ml
Moisture (Karl Fisher titration)	0.5 % max
Garden Color	6 max

Typical Characteristics

Appearance	Opaque off-white liquid
Dispersability (10 % in water)	Dispersible

These typical values should not be interpreted as specifications.

Applications

Foamaster[®] MO 2190 results in the following performance advantages:

- Broad spectrum - use of multiple defoaming mechanisms allows for Foamaster[®] MO 2190 defoamer's effectiveness in a wide range of latex based adhesives, coatings and inks.
- Compatibility - Foamaster[®] MO 2190 defoamer has been designed to have good film compatibility, which translate to clear, defect free films.
- Persistency - Foamaster[®] MO 2190 defoamer has been formulated for maximizing the ongoing defoaming effectiveness in adhesives with regards to both storage life and with continuous pumping/application conditions.

In paint formulations, an addition of 0.2 to 0.5 % of Foamaster[®] MO 2190 will effectively defoam paint. It can be added as received, or dispersed in water prior to use. One half of the normal amount is added to the pigment before grinding to suppress the formation of foam and the remainder to the "let-down" portion.

In adhesive formulations, as little as 0.2 % to 0.5 % of Foamaster[®] MO 2190 defoamer is effective for both manufacturing and application defoaming. A starting point level of 0.5 % of Foamaster[®] MO 2190 defoamer (based on total formulated product weight) is recommended. For optimizing the defoamer requirements, variations from this level can be made to adjust for individual systems and operating condition needs.

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 2190.

Storage

Foamaster® MO 2190 is subject to appropriate storage. Under the usual storage and temperature conditions, our products are durable for at least 1 year. Foamaster® MO 2190 should ideally be stored at room temperature. The drum must be kept sealed and away from water contamination or moisture. Mix well before use. Foamaster® MO 2190 is supplied net weight 180 kgs in 55 gallon (200 liter) steel drums. Additional handling information is contained in a material safety data sheet, which is available on request.

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