Foamaster® MO 2190

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, latex emulsions and coatings. It has also proven effective in certain coating applications.

Key benefits

- Broad spectrum defoaming capability
- Excellent defoaming persistence
- Exceptional film compatibility

Chemical nature

Defoamer

Properties

Physical form

Opaque, white to off-white liquid

Technical data
(not supply specification)

Water content (Karl Fisher)		max 0.5 %
Density	(20 °C)	~ 0.89 g/cm³ (~ 7.4 lb/gal)
Dispersibility		dispersible

Application

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 translates 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.

In latex emulsions, as little as 0.1 % - 0.2% of Foamaster® MO 2190 is effective. Addition is recommended during the cool down phase of the emulsion manufacturing process.

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. If subjected to below freezing temperatures, product may congeal or stratify. Warm to room temperature and mix well before using. 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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Validity

This Technical Data Sheet is valid for all versions of the Foamaster® MO 2190.

Safety

When handling this product, please comply with the advice and information given in the safety data sheet and observe protective and workplace hygiene measures adequate for handling chemicals.

Note

The data contained in this publication are based on our current knowledge and experience. In view of the many factors that may affect processing and application of our product, these data do not relieve processors from carrying out their own investigations and tests; neither do these data imply any guarantee of certain properties, nor the suitability of the product for a specific purpose. Any descriptions, drawings, photographs, data, proportions, weights, etc. given herein may change without prior information and do not constitute the agreed contractual quality of the product. The agreed contractual quality of the product results exclusively from the statements made in the product specification. It is the responsibility of the recipient of our product to ensure that any proprietary rights and existing laws and legislation are observed.

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