

# Formulation Additives

## Technical Data Sheet

### Foamaster<sup>®</sup> MO 2111 NC (old: Foamaster<sup>®</sup> 111)



**Product Description** Foamaster<sup>®</sup> MO 2111 NC is a broad spectrum liquid defoamer specifically designed for water based paints and coatings, water based printing inks as well as for latex adhesive systems.

**Chemical Composition** Defoamer

#### Properties

**Product Specifications** Density at 25 °C 0.85 – 0.92 g/cm<sup>3</sup>  
(Gardner Gallon Cup / Q-P 2359.0)  
Water content 0 - 0.5%  
(K. Fischer / DIN ISO 4317)

**Typical Characteristics** Appearance cloudy, yellow liquid  
Active substance 100%  
Ionic character non-ionic  
Water solubility readily dispersible

These typical values should not be interpreted as specifications.

#### Applications

Foamaster<sup>®</sup> MO 2111 NC is an effective defoamer for dispersion paints, latex adhesive systems and water based printing inks. A defoamer level of 0.5%, based on total ink or adhesive, is a good starting point for determining the optimum use level.

**Dosage** A dosage of 0.2 to 0.6% of Foamaster<sup>®</sup> MO 2111 NC, calculated on total formulation, is recommended for effective defoaming both during production and application. In paint manufacture, it is advantageous to split the addition of the defoamer. Add half the normal amount to the pigment mix prior to grinding to suppress foaming. Add the remainder in the final stage of paint manufacture.

The exceptional compatibility of Foamaster<sup>®</sup> MO 2111 NC allows it to be post-added for final batch adjustment with minimal risk of defoamer-induced film defects.

#### 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<sup>®</sup> MO 2111 NC.

## Storage

Foamaster® MO 2111 NC is subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year. If Foamaster® MO 2111 NC was subjected to freezing temperatures during storage, allows the defoamer to warm to room temperature and mix thoroughly before using.

---

## Important

While the descriptions, designs, data and information contained herein are presented in good faith and believed to be accurate, they are provided for guidance only. Because many factors may affect processing or application/use, BASF recommends that the reader make tests to determine the suitability of a product for a particular purpose prior to use. **NO WARRANTIES OF ANY KIND, EITHER EXPRESSED OR IMPLIED, INCLUDING, BUT NOT LIMITED TO, WARRANTIES OF MERCHANTABILITY OR FITNESS FOR A PARTICULAR PURPOSE, ARE MADE REGARDING PRODUCTS DESCRIBED OR DESIGNS, DATA OR INFORMATION SET FORTH, OR THAT THE PRODUCTS, DESCRIPTIONS, DESIGNS, DATA OR INFORMATION MAY BE USED WITHOUT INFRINGING THE INTELLECTUAL PROPERTY RIGHTS OF OTHERS.** In no case shall the descriptions, information, data or designs provided be considered a part of BASF's terms and conditions of sale. Further, the descriptions, designs, data, and information furnished by BASF hereunder are given gratis and BASF assumes no obligation or liability for the descriptions, designs, data or information given or results obtained all such being given and accepted at the reader's risk.

*Foamaster is a registered trademark of BASF Group.*

© BASF Corporation, 2013



BASF Corporation is fully committed to the Responsible Care® initiative in the USA, Canada, and Mexico.

For more information on Responsible Care® go to:

U.S.: [www.basf.us/responsiblecare\\_usa](http://www.basf.us/responsiblecare_usa)

Canada: [www.basf.us/responsiblecare\\_canada](http://www.basf.us/responsiblecare_canada)

México: [www.basf.us/responsiblecare\\_mexico](http://www.basf.us/responsiblecare_mexico)

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)