Formulation Additives

Technical Data Sheet

Foamaster® MO 2170

(old: Foamaster® S)

BASF
The Chemical Company

Product Description

Foamaster® MO 2170 is a 100% active defoamer that provides efficient defoaming performance in the manufacture and application of paints, inks and adhesives from synthetic latex.

Chemical Composition

Silica and oil blend (mineral oil containing).

Properties

Product Specifications

Density (T-013)	6.6 – 7.2 lb/gal
Water content (mass %) (N-171B)	0.0 – 0.3 %
Active Matter	100%
Ash Content	7.3 – 8.5 %

Typical Characteristics

Appearance	opaque, yellow liquid
IR Identity (T-001)	corresponds to the standard
Dispersability (in water) (N-111A)	dispersible
Pour point / range	-18 ˚C

These typical values should not be interpreted as specifications.

Applications

Foamaster® MO 2170 provides efficient defoaming performance in the manufacture and application of paints, inks and adhesives from synthetic latex.

Dosage

On total formula weight, use 0.2 – 1.0 % of Foamaster® MO 2170. Always mix well before using.

Technical Data

Foamaster® MO 2170 is recommended for defoaming of:

- Waterborne architectural coatings
- Adhesives
- Polymer lattices
- Aqueous printing inks

In paint formulations, 2 – 3 pounds of Foamaster® MO 2170 effectively defoam 100 gallons of 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 mix before grinding to suppress the formation of foam and the remainder to the “letdown” portion.

In adhesives applications, 1 – 2 % of Foamaster® MO 2170 based on the weight of the latex solids is generally sufficient.

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 2170.

Storage

Foamaster® MO 2170 is subject to appropriate storage under the usual storage and temperature conditions, our products are durable for at least 1 year. Foamaster® MO 2170 is shipped in 55 gallon steel drums.

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

Responsible Care®
Good Chemistry at Work

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
Canada: www.basf.us/responsiblecare_canada
México: 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
www.basf.us/dpsolutions