



TEGO® Foamex 883

A New Defoamer Technology for Long-term Performance in Architectural Paints



Dear Reader,

Since the last Tego Talk in September 2007, there have been some changes.

Our company has a new name, Evonik Industries AG, with three Business Areas: Chemicals, Energy and Real Estate. The

Chemicals Business Area consists of the former Degussa AG. The changes are also evident at Tego, which now operates as Evonik Tego Chemie GmbH with a new design, and at Tego Talk. Of course the exciting content will continue as will our efforts to provide you with the most interesting products.

In September we introduced you to TEGO® Dispers 685 – our high performance dispersion additive for radiation-curing and solventborne printing inks and varnishes. In November you had the opportunity to learn about our radiation-curing additives at RadTech in Vienna. The highlights are described in our News at www.tego.de.

I hope you will enjoy reading about our new defoamer technology – TEGO® Foamex 883 for architectural coatings!

Yours

Udo Dalig
Udo Dalig
Business Manager Europe

tego

First impressions count. A building's interior and exterior color schemes therefore play an important role in its appearance. Coatings can only retain their decorative function and attractive appearance long-term if they resist weathering and soiling and are particularly easy to clean.

All paints and lacquers are subject to the effects of ageing to a greater or lesser degree. It is particularly important that this does not result in a loss of their technical characteristics. It is well known that the effectiveness of defoamers in paints may decrease after lengthy storage particularly under changing temperatures. Foam resulting from inadequate defoaming can lead to poor surface appearance. Defects in the coating caused by foam can compromise the protective function of the coating and offer, for example, a target for moisture to penetrate.

To be effective in emulsion paints, defoamers must be insoluble in water and present as finely divided droplets. If the droplets are too small, effectiveness is reduced – too large droplets are incompatible in the system and cause surface defects such as craters. It is therefore often difficult to find a defoamer which combines high effectiveness with adequate compatibility. The compatibility and effectiveness can be adjusted via the chemical structure of the defoamer's active ingredient.

With TEGO® Foamex 883, Evonik now offers a new defoamer based on an innovative, patented active ingredient with outstanding long-term effectiveness. It effectively eliminates micro- and macro-foam in waterborne architectural paints over a wide range of PVC. TEGO® Foamex 883 combines very good defoaming characteristics with high compatibility particularly in architectural paints based on vinylacetate copolymers. TEGO® Foamex 883 has 100 % active ingredient content, can be economically dosed and is particularly suited for use in the grind.

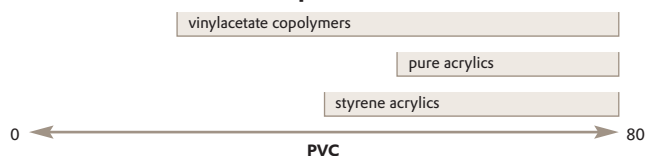
TEGO® Foamex 883 is manufactured by a new, patented technology. The product is listed in the following chemical inventories: EINECS, TSCA, DSL and ENCS.

TEGO® Foamex 883

- active ingredient content: 100 %
- particularly suited for use in pigmented formulations
- outstanding defoaming in the grind
- highly effective
- good long-term effectiveness at low temperatures
- suitable for low-VOC applications

TEGO® Foamex 883 is recommended for the following applications

▪ waterborne architectural paints

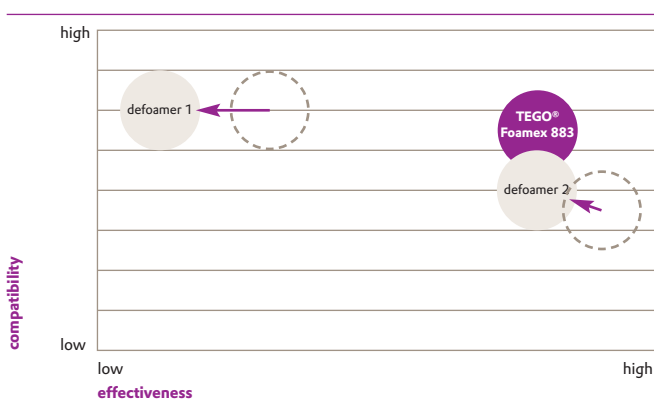


▪ waterborne alkyd coatings

Foam test in a vinylacetate-based paint



Foam test in a vinylacetate-based paint Behavior after 3 low temperature cycles at 4 °C



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General information & Product samples

To request further information or samples please tick the appropriate box

TEGO® Foamex 883
 Product Overview
 Tego Journal
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S = Sample D = Data Sheet A = Additives SR = Specialty Resins

Further information you can find under www.tego.de