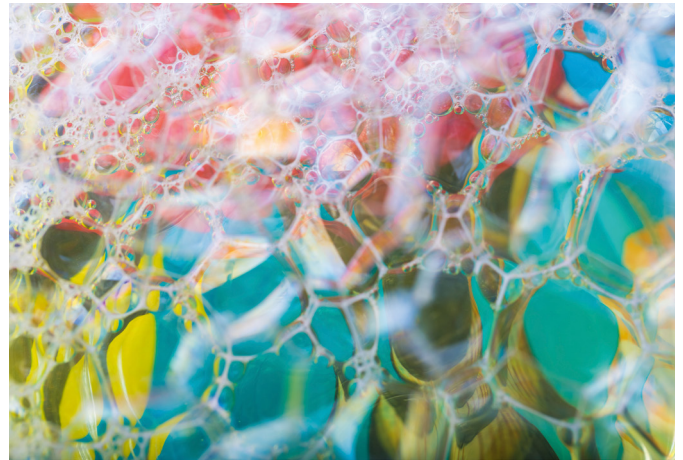


FOR UTMOST DEFOAMING REQUIREMENTS

## TEGO® Foamex 8420

Siloxane-based defoamer concentrate with superior defoaming power, outstanding long-term effectiveness and food contact compliances



### Defoamers prevent and eliminate foam

Foaming is a very common challenge in waterborne inks and coatings. In printing applications this foam impacts ink production, and hinders ink or coating transfer, leading to unacceptable printing results. Evonik Coating Additives is the leading supplier of defoamers for waterborne formulations. With an extensive portfolio of defoamers for

waterborne coatings and inks, Evonik Coating Additives can provide the precise solution for nearly every application. We offer a broad selection of defoamers designed for inks and overprint varnishes, with tailored compatibility and effectiveness, and very good food contact compliance, in siloxane-based and siloxane-free options.

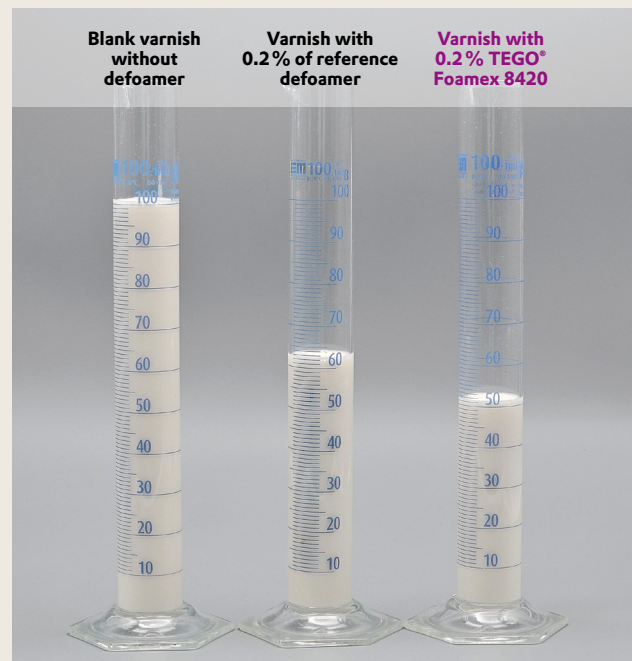
### So why develop another defoamer?

There are some waterborne inks and varnishes containing very high levels of surfactants or other foam-stabilizing raw materials, which can create foam stabilization challenges in printing and coating processes.

This is especially true for many overprint varnishes, which contain high levels of DOSS (diisooctyl sulfosuccinate) to enable wetting on critical substrates, such as fresh lithographic inks.

For these demanding applications, Evonik Coating Additives has developed **TEGO® Foamex 8420**.

Its defoaming power is demonstrated in the picture on the right which displays the foam density measurement at the end of a foaming stir test. The lower the volume, the higher the density, the more effective the defoamer.



Click or scan the QR-code for more information!

## TEGO® Foamex 8420

is a 100% active defoamer concentrate based on polyether siloxane technology. It is highly recommended for use in overprint varnishes (DOSS-containing) and pigmented inks for absorbent substrates.

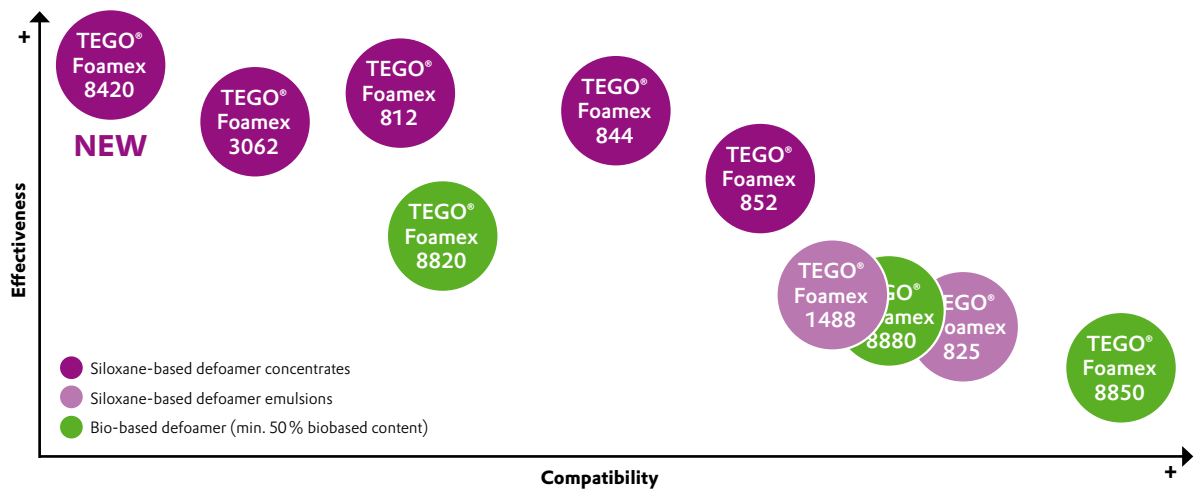
In pigmented inks the ideal point of addition is in the grinding stage. TEGO® Foamex 8420 prevents foaming and strongly contributes to grinding efficiency. When adding TEGO® Foamex 8420 in the let-down stage, high shear forces are recommended for incorporation.

**Pure siloxane power!**

## KEY BENEFITS

- Superior defoaming power in waterborne overprint varnishes and inks
- Excellent long-term effectiveness
- Economical low dosage
- Mineral oil and solvent-free
- Broadest food contact compliances

## Positioning chart of TEGO® Foamex grades for waterborne inks and varnishes



### More information and test results ...



in the category  
„Product Launches“ on  
[www.coatino.com/campus](http://www.coatino.com/campus)

### Any questions?



[evonik.click/contact](http://evonik.click/contact)  
or contact your account manager

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