

DESCRIPTION

SURFYNOL® SE is a multi-functional additive that combines excellent wetting properties with very good foam control in waterborne coatings and inks. It is a self-emulsified surfactant that provides ease of incorporation.

KEY BENEFITS

- very effective wetting agent, defoamer, and viscosity stabilizer
- ease of incorporation, can be post added directly at the press and in diluted aqueous systems
- resists oxidation and degradation

EFFECT**Substrate wetting****Anti-crater effect****Flow promotion****Defoaming****Reduction of static surface tension****Reduction of dynamic surface tension****SUITABILITY****waterborne****solventborne****2-pack 100%****radiation-curing****pigmented coatings****clear coatings**

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- General industrial coatings
- Printing Inks

TECHNICAL DATA

active matter content	80 %
appearance	clear colored liquid
chemical description	self-emulsifiable acetylenic diol formulated surfactant
solvent	water

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Acetone
●	●
Butylacetate	Mineral Spirits
●	●
● not soluble ● partly soluble ● soluble	

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.1 - 2.0 %

PROCESSING INSTRUCTIONS

Can be introduced in the grind and let-down stage.

HANDLING & STORAGE

Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40°C and mix thoroughly before use.

MSDS & REGULATORY INFORMATION

This information and all further technical advice are based on our present knowledge and experience. However, it implies no liability or other legal responsibility on our part, including with regard to existing third party intellectual property rights, especially patent rights. In particular, no warranty, whether express or implied, or guarantee of product properties in the legal sense is intended or implied. We reserve the right to make any changes according to technological progress or further developments. The customer is not released from the obligation to conduct careful inspection and testing of incoming goods. Performance of the product described herein should be verified by testing, which should be carried out only by qualified experts in the sole responsibility of a customer. Reference to trade names used by other companies is neither a recommendation, nor does it imply that similar products could not be used.

Evonik Resource Efficiency GmbH | Goldschmidtstraße 100, 45127 Essen, Germany | Telefon +49 201 173-2222 Telefax +49 201 173-1939 | www.coating-additives.com