

Technical Information

SURFYNOL® PC Defoamer

Molecular Defoamer

Description

A molecular defoamer, Surfynol® PC defoamer is a proprietary formulation designed specifically to provide foam control and pigment shock reduction in paper coating formulations. Surfynol® PC defoamer can provide long-lasting defoamer activity and is stable through continued recycling of the formulation. This product meets several FDA compliances.

Recommended Usage

Between 0.1 and 1.0 % of total formulation weight is recommended.

Advantages

- Excellent balance of system compatibility and foam control
- Contains no added hazardous air pollutants (HAPs)
- Contains no added alkylphenol ethoxylates (APEs)
- Contains no added silicone, silica or fluorinated materials

Typical properties

Appearance	Clear, pale yellow liquid
Density at 20 °C	0.96
Viscosity at 20 °C	154 mPa.s
Flash Point	>110 °C
Pour Point	-4 °C
Activity	100 %

These are typical properties only and do not represent sales or manufacturing specifications.

Applications

- Paper coating formulations
- Polyvinyl alcohol solutions
- Tackified PVOH adhesives
- Pigmented systems
- Systems where the foaming influence is a water-soluble polymer, such as methyl cellulose, hydroxyethyl cellulose, or certain water-soluble cellulose ethers

Storage and Handling

Surfynol® PC Defoamer should be stored under dry and clean conditions between -10 °C and 50 °C.

Product is freeze-thaw stable; if it phase separates or freezes at colder temperatures, warm container to 40 °C and mix thoroughly before use. Please refer to Material Safety Data Sheet.

Shelf-Life

60 months from the date of manufacture.

Hazardous goods classification

Information concerning

- classification and labelling according to regulations for transport and for dangerous substances
- protective measures for storage and handling
- measures in case of accidents and fire
- toxicity and ecological effects

is given in our material safety data sheets.

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For Technical Information, Support and Samples:

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