

## Technical Information

**SURFYNOL® 485 Surfactant**

## Nonionic Dynamic Wetting Agent

**Description**

Surfynol® 485 surfactant can perform as a dynamic wetting agent in a wide variety of applications including waterborne coatings, inks, adhesives, agricultural chemicals, and numerous industrial specialty applications. It is a 100% active, liquid or low-melting wax that contains no added alkylphenol ethoxylates (APEs) or hazardous air pollutants (HAPs). Surfynol® 485 surfactant complies with several regulations needed for applications requiring food contact compliances in the US, Europe and Asia.

**Recommended Usage**

Between 0.1 and 2% of total formulation weight is recommended.

**Advantages**

- Dynamic surface tension reduction
- Enables wetting of particles and substrates
- Relatively low foam compared to conventional surfactants
- Has several global food contact compliances
- Stable in most high electrolyte and brine systems
- Impart mechanical and freeze/thaw stability in latex emulsions as well as narrow particle size distribution
- Help prevent surface defects in latex-dipped products
- Contains no added APEs, HAPs or solvents
- Contains no added siloxanes, silicones or fluorosurfactants

**Typical properties**

Appearance	Clear, to hazy yellow liquid and/or waxy solid
Density at 25 °C	1.07
Viscosity at 25°C	198 mPa.s
Flash Point	>110 °C
Pour Point	14 °C
Activity	100 %

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

**Applications**

- Waterborne industrial coatings
- Waterborne internal can coatings
- Printing inks
- Adhesives
- Fountain solutions
- Latex dipping
- Agricultural chemicals
- Electroplating and acid pickling

**Storage and Handling**

Surfynol® 485 surfactant 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 60 °C and mix thoroughly before use. Please refer to Material Safety Data Sheet.

## Shelf-Life

24 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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