

Product Information

SURFYNOL® PSA 336

Dynamic Wetting Agent

PRODUCT DESCRIPTION

The movement from solvent-based to waterborne adhesives presents a special challenge to the formulator and coater. Films, silicone-release liners, and other low-energy surfaces are difficult to coat with water-based formulations and wetting agents are needed to produce the low surface tension required for good coverage without retraction.

Existing wetting agents are available to provide good wetting, but many of these surfactants must be used with high levels of defoamer to keep foam generation under control. Most defoamers cause cratering, fisheyes, and other coating problems which must be solved through the addition of more foam-producing wetting agent.

Achieving the appropriate balance between wetting agent and defoamer is many times a long and difficult process; however, SURFYNOL® PSA336 Surfactant can solve this formulating dilemma by providing excellent dynamic wetting with minimal foam generation.

Typical Properties

Property	Unit	Value
Appearance		clear to hazy, yellow liquid
Flash Point, min.	°C	230
Pour Point	°C	-2
Specific Gravity	g/ml	1.05
at 25°C		
Viscosity	mPa·s	190
at 25°C		

The data represents typical values (no product specification)

BENEFITS & ADVANTAGES

- Ease of addition with no gel formation
- Excellent reduction of equilibrium and dynamic surface tensions
- Excellent wetting of silicone release liners, plastic films, and other low energy surfaces
- Low foam generation
- Several FDA and other food contact compliances
- Ease of addition with no gel formation

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.

Refer to the Material Safety Data Sheet for the most current information.

SHELF LIFE

The shelf life for this product is 60 months from the date of manufacture.

The shelf life period can be subject to prolongations based on reapprovals in accordance with the established Evonik ISO 9001 quality management process.

HAZARDOUS SUBSTANCE

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.

TYPICAL APPLICATIONS

- Pressure-sensitive adhesives (PSAs)
- Flexible food packaging adhesives
- Laminating adhesives

Disclaimer

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 Operations GmbH

Interface & Performance
Goldschmidtstraße 100
45127 Essen, Germany
Phone Europe +49 201 173-2665
Phone Asia +86 21 61191 125
Phone Americas +1 804 727 0700
interface-performance@evonik.com
evonik.click/interface-performance