

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 | °C | ≤230 |
| Pour Point | °C | -2 |
| Specific Gravity at 25°C | g/ml | 1.05 |
| Viscosity at 25°C | mPa·s | 190 |

The data represents typical values (no product specification)

TYPICAL APPLICATIONS

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

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.

Disclaimer

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