**Description**

SURFYNOL® 440 is a very good substrate wetting agent that offers good foam control with a moderate solubility in aqueous systems. It is suitable for waterborne coatings and inks.

**Key Benefits**

- low-foam, dynamic surface tension reduction
- good wetting of low-energy and/or contaminated substrates
- suitable for food contact compliant formulations

**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

**Typical Applications**

- General industrial coatings
- Wood coatings
- Architectural paints
- Printing inks

**Technical Data**

- Active matter content: 100%
- Appearance: Clear colored liquid
- Chemical description: Ethoxylated acetylenic surfactant
- Solvent: -

**Solubility**

- Water: Soluble
- Ethanol: Soluble
- TPGDA: Partially soluble
- Acetone: Soluble
- Butylacetate: Soluble
- Mineral Spirits: Not soluble

**Recommended Addition Level**

As supplied calculated on total formulation: 0.1 - 1.5%

**Processing Instructions**

- Addition to the coating as supplied or as a predilution is possible.
- 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 normally 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**

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