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

**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.

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

**Solubility**
- Water
- Ethanol
- TPGDA
- Acetone
- Butylacetate
- Mineral Spirits
- Not soluble
- Partly soluble
- Soluble

**Typical Applications**
- General industrial coatings
- Wood coatings
- Architectural paints
- Printing inks

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