SURFYNOL® 485 W

DESCRIPTION
SURFYNOL® 485W is a low-viscosity substrate wetting agent for waterborne coatings and inks with high solubility in aqueous systems. Surlynol 485W can also be used for its stabilization and emulsification properties.

KEY BENEFITS
- dynamic substrate wetting
- good emulsification and stabilization
- 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

TECHNICAL DATA
- active matter content: 75%
- appearance: clear colored liquid
- chemical description: ethoxylated acetylenic surfactant
- solvent: water

SOLUBILITY
- Water: soluble
- Ethanol: partly soluble
- TPGDA: partly soluble
- Acetone: soluble
- Butylacetate: soluble
- Mineral Spirits: soluble
- TPGDA: partly soluble
- Acetone: soluble
- Butylacetate: soluble
- Mineral Spirits: soluble

RECOMMENDED ADDITION LEVEL
As supplied calculated on total formulation: 0.1 - 2.0 %

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.

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

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