

DESCRIPTION

DYNOL™ 810 has the ability to reduce both static and dynamic surface tension in waterborne coatings and inks. DYNOL™ 810 is an excellent alternative for difficult-to-wet substrates requiring good flow and leveling.

KEY BENEFITS

- excellent dynamic wetting
- good flow and leveling
- low foaming

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**

● not suitable ● partly suitable ● suitable

TYPICAL APPLICATIONS

- Plastic coatings
- Wood coatings
- Printing Inks
- Overprint varnishes

TECHNICAL DATA

active matter content	100 %
appearance	clear colored liquid
chemical description	organic based gemini surfactant
solvent	-

SOLUBILITY

Water	Ethanol
●	●
TPGDA	Acetone
●	●
Butylacetate	Mineral Spirits
●	●

● not soluble ● partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 0.1 - 1.0 %

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 away from direct sunlight. 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. Please refer to the SDS for the most current information.
- When stored in an original unopened packaging, the product has a shelf life of 60 months from the date of manufacture.

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