

Nonionic Dynamic Wetting Agent and Molecular Defoamer

SURFADOL® 541BC Surfactant**Special properties**

- Low dynamic surface tension
- Ability to wet contaminated substrates
- Non-micelle forming
- Stability between pH 3-10
- Prevents surface defect problems such as fisheyes, crawling, and cratering on low-energy substrates
- Reduces microfoam in spray-applied systems
- Improves pigment grind efficiency
- Reduces water sensitivity
- Defoams, deairentrains, and improves flow
- Silicone-free, APEO free, non-toxic

Examples of application

- Water-based printing inks
- Pressure sensitive adhesives
- Dye processing
- Automotive coatings
- Industrial maintenance coatings
- Overprint vanishes
- Pigment synthesis/ grinding/dispersing

Processing instructions

- Mix well when use.
- Added and mixed after other surfactants.
- Pigments, fillers or other solid should be added after Surfadol surfactant has been evenly mixed.

Typical properties

Active matter	2,4,7,9-Tetramethyl-5-decyne-4,7-diol, CAS#126-86-3
Active matter content	50%
Solvent	2-Butoxyethanol
Solubility in water	slightly soluble
Suggested use level	0.2% - 2.0% of total formulation weight

Specifications

Test Item	Standard
Appearance	Light yellow liquid
APHA Color (Pt-Co)	≤350
Density at 25 °C, g/cm ³	0.850-0.950

Package and storage

The standard package for this material is 180kg galvanized iron drums, 4 drums/pallet. The product is also available in IBCs and 20kg pails. Keep containers tightly closed in a dry, cool, and well-ventilated place. Product is freeze-thaw stable. Mix thoroughly before use. The shelf life for this product is 48 months from the date of manufacture.

For more information, please send email to: sales@acmetech.cn.