

SURFYNOL® MD 20

DESCRIPTION

SURFYNOL® MD 20 is a very compatible molecular defoamer based on Gemini surfactant technology. Free of silicone and silica. Offers additional dynamic wetting properties.

KEY BENEFITS

- universal use in waterborne formulations
- effectiveness against macro- and micro-foam in combination with high compatibility
- highly recommended in combination with classical silicone-based defoamers or substrate wetting additives

APPLICATION RECOMMENDATION

Brush application/roller application



Airless spraying



Compressed air spraying



Flexo/gravure printing



Dip coating, flow coating, curtain coating



Flooring



SUITABILITY

waterborne	solventborne
●	●
2-pack 100%	radiation-curing
●	●
addition to the grinding stage	addition to the let-down stage
●	●
● not suitable ● partly suitable ● suitable	

TYPICAL APPLICATIONS

- Wood coatings
- General industrial coatings
- Printing Inks
- Car OEM coatings

TECHNICAL DATA

active matter content	100 %
appearance	clear colored liquid
chemical description	organic based Gemini molecular defoamer
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

Can be introduced in the grind and let-down stage.

HANDLING & STORAGE

SURFYNOL® MD-20 surfactant should be stored under dry and clean conditions between -10 °C and 50 °C. 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 Material Safety Data Sheet.

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