Wetting and dispersing additive

CARBOWET® 109

DESCRIPTION

CARBOWET® 109 is a non-ionic wetting additive that provides additional dispersing properties. Wets all kinds of pigments. Was designed as alternative to APEs with a HLB-value around 13.

KEY BENEFITS

- 100% active and low viscous liquid
- cost efficient
- fast pigment and substrate wetting

SUITABILITY

waterborne	solventborne
●	○
2-pack 100%	**radiation-curing**
○	○
direct grind	**resin-containing pigment concentrates**
●	●
resin-free pigment concentrates	
●	

○ not suitable ◐ partly suitable ● suitable

TYPICAL APPLICATIONS

- Wood coatings
- General industrial coatings
- Printing Inks
- Architectural paints

TECHNICAL DATA

active matter content	100 %
appearance	clear, pale yellow liquid
chemical description	alcohol ethoxylate
HLB	13

SOLUBILITY

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

○ not soluble ◐ partly soluble ● soluble

RECOMMENDED ADDITION LEVEL

As supplied calculated on total formulation: 1.0 - 3.0 %

PROCESSING INSTRUCTIONS

Add before grinding.

HANDLING & STORAGE

Keep away from direct sunlight. Overheating of an ethoxylate stored under air should be avoided. When an ethoxylate is vigorously mixed in the presence of air or oxygen at temperatures > 125°F (> 50°C), it can degrade product quality. Storage under an inert atmosphere is recommended. 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.

MSDS & REGULATORY INFORMATION

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