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

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

SOLUBILITY
- Water: soluble
- Ethanol: soluble
- TPGDA: not soluble
- Acetone: partly soluble
- Butylacetate: partly soluble
- Mineral Spirits: 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.

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

SUITABILITY

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<th>Waterborne</th>
<th>Solventborne</th>
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<th>2-pack 100% radiation-curing</th>
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SUITABILITY

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

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