

**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**

|                              |                           |
|------------------------------|---------------------------|
| <b>active matter content</b> | 100 %                     |
| <b>appearance</b>            | clear, pale yellow liquid |
| <b>chemical description</b>  | alcohol ethoxylate        |
| <b>HLB</b>                   | 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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