

## TRIONOL™ 3 A

When printed on coated paper, a **TRIONOL™ 3 A** based ink partially penetrates and oxidizes, providing a tough anchor. The remainder of the **TRIONOL™ 3 A** remains on the surface as a film-forming coating that rapidly hardens to a tough, rub-resistant print. **TRIONOL™ 3 A**, with exceptionally good pigment wetting properties, can improve gloss, setting speed and rub resistance, in contrast with many pigment-wetting vehicles that detract from gloss and setting speed. The viscosity of **TRIONOL™ 3 A** is stable in finished inks. **TRIONOL™ 3 A** can replace drying oils in quickset and heatset vehicles to improve compatibility, solvent tolerance, pigment wetting, and rub resistance without sacrificing setting speed.

### Applications

Sheetfed offset, coldset offset, heatset offset, letterpress, metal deco, and silkscreen.

- ▲ Excellent wetting
- ▲ Improves transfer
- ▲ Faster cure than conventional alkyds
- ▲ Improvement for high rub resistance
- ▲ Replaces drying oils in quickset and heatset vehicles

### Typical properties

Property	Value	Unit	Test Method
Acid Value	8	mg KOH/g	BAX-QC-102
Viscosity	140	seconds	E:E, 25°C, BAX-QC-106
Color	4	-	Gardner Color, BAX-QC-103
Percent Non-Volatile	100	%	BAX-QC-195
Bio-Renewable Content, (+/-2%)	73	wt%	Theoretical value based on formulation

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### Packaging

TRIONOL™ 3 A is shipped in 400 lb drums.

### Shelf life and storage conditions

When stored properly, shelf life from date of production is approximately 12 months. The product should be stored at temperatures between 10 and 30°C (50-86°F). The packaging should be kept tightly closed and stored in dry conditions.

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