

## Key Performance Advantages

- For use in solvent-based rotogravure and flexography printing
- Enhances pigment dispersion and color development
- Improves adhesion



Paints and Coatings

# AVANTANE<sup>®</sup> PA 4000

## Performance-Enhancing Specialty Ink Additive

For problems with poor adhesion, low-quality print definition and inadequate solvent release effects on press operations that are frequently encountered in solvent-based rotogravure and flexography printing, AVANTANE<sup>®</sup> PA 4000 is the solution.

When AVANTANE PA 4000 is added to your solvent-based formulation, a combination of benefits can be obtained during production and in the finished formulation, including:

- Improved color development of ink through enhanced pigment dispersion
- Better print definition through displaced monomolecular moisture
- Enhanced adhesion to substrates
- Improved quality issues associated with solvent release properties
- Increases press output


## Selected Formulating Properties

The following are selected formulating properties of AVANTANE PA 4000. They are not to be considered product specifications.

Specific Gravity @ 20/20°C	-1.02
Weight per U.S. Gallon @ 20°C, lb	-8.5
Vapor Pressure @ 20°C, mm Hg	-11
Evaporation Rate, by Volume (n-butyl acetate = 100)	101
Flash point, Tag Closed Cup, °C/F	34/94
Distillation Range @ 760 mm Hg (90% min.)°C	112-133
Solubility in Water @ 20°C, % by Weight	2.6

# Product Stewardship

ANGUS encourages its customers to review their applications of ANGUS products from the standpoint of human health and environmental quality. To help ensure that ANGUS products are not used in ways for which they are not intended, ANGUS personnel will assist customers in dealing with environmental and product safety considerations. For assistance, Safety Data Sheets, or other information, please contact your ANGUS representative at the numbers provided in this document. When considering the use of any ANGUS product in a particular application, review the latest Safety Data Sheet to ensure that the intended use is within the scope of approved uses and can be accomplished safely. Before handling any of the products, obtain available product safety information including the Safety Data Sheet(s) and take the necessary steps to ensure safety of use.

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