

Varnish Ingredients: Impact on Offset Printing Inks Final Performance

A 90-min online short course by Jack Baarends



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Behind any quality ink is a quality varnish.

Most of offset printing ink performance is induced by varnish formulation and how ingredients work together.

Gain in speed and flexibility with your offset printing inks formulation developments by acquiring a profound knowledge of **varnish ingredients** and their effects to the final properties of the ink, press behavior and print.

Jack Baarends will share his **hands-on expertise** to help you find best compromises in all of your projects.

Why you should attend:

1. **Keep it simple without sacrificing quality** (rheology, drying, gloss...) with wiser selection of your varnish ingredients.
2. **Adjust faster your offset inks** formulations by understanding the contribution of every single additive to final performance.
3. Overcome your own technical offset inks challenges by **interacting with Jack** and benefiting from his 40 years hands-on experience.

Who is it for?

- **Printing Ink manufacturers** will better influence their offset inks performance
- **Printers** will improve their troubleshooting skills
- **Suppliers to the Offset Ink and Printing industry** will better understand their customers needs and requirements

Outline

1. Composition of an Offset ink. **What is required?**
2. Differences in Requirements: Sheetfed, Heatset and Coldset inks
3. How to make an Offset ink
4. **Ingredients of Offset inks**
5. Ingredients **influence on press and print** performance
6. How to process varnishes: A variety of possibilities
7. **Varnish processing** influence on press and print performance

At the end of the training there will be a **Q&A Session** where you can pose questions to Jack Baarends.

A transcript of all the questions & answers will be made available after the event.

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Presented by Jack Baarends



Jack F. J. Baarends has more than 41 years of experience in polymer (resin, varnish, and compound) technology and in the graphic arts industry. He worked for *Hexion Specialty Chemicals* (before known as Lawter International, Eastman and Resolution Specialty Materials) and for *Akzo Nobel Inks*.

His expertise includes **formulating and developing all kind of resins, varnishes and printing ink**, and testing the inks on printing press with emphasis on the end-user application and performance requirements. His expertise is in all kind of printing inks and printing techniques, such as **Offset, Gravure and Flexography**.

Mr. Baarends travelled all over the world in all his jobs to **advise ink manufacturers** (from global giants to small locals) how to improve the quality of their inks, how to solve their problems and to assist in new developments. He lived 3 years in USA as *Senior VP of Global Technology* and has been responsible for Asia for over 25 years. **Recently he developed the most “green” Offset ink in the world for a local Chinese company.**

Mr. Baarends has authored many papers on inks and ink raw materials and wrote many articles for trade magazines. He has also given seminars all over the world to corporations, universities, printing ink clubs and during conferences and exhibitions. He chaired various seminars and is member of the *Printing Ink Committee of the European Coatings Show*, which takes place every 2 years in Nuremberg, Germany. Currently, Mr. Baarends is doing some consultancy and enjoys his free time after he retired in January 2010. Mr. Baarends has a degree in *organic chemistry and in process chemistry*.

Next session: Tue. March 6, 2011 at 10 a.m. ET / 4 p.m. CET - [Your local time](#)

Fee:

	Regular Access	Group / Multi Access
Number of attendees	Up to 3 attendees	Up to 10 attendees
Number of connections (1 Internet Access)	1 connection	Up to 3 connections
Fee (Currency Converter)	€ 290	€ 580

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Your registration includes:

- **Pdf slides** at least 24h before the live session
- **1h online short course** by an independent expert
- Live interaction with the expert during the **30-minute Q&A session**
- **Q&A Transcript** when you submit your feedback on the course
- **Expert contact details** to further discuss your projects

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