DESCRIPTION

Third Edition brings acclaimed text thoroughly up to date with the latest organic coatings technology

*Organic Coatings, Third Edition* is an unparalleled reference and text for organic coatings technology and its myriad applications. It begins with discussions of key principles of coatings, then thoroughly explores raw materials, physical concepts, formulations, and applications. Scientists, engineers, and paint formulators all gain a deeper understanding of the principles underlying the technology and learn how to use these principles in the development, production, and application of organic coatings. The four authors, all leading industry experts, offer a unique approach to the topic that correlates the empirical technology of coatings with the underlying science.

This *Third Edition* has been completely revised and updated to reflect numerous changes in the field, including changes driven by increasing pressure to lower VOC emissions, reduce energy requirements, and eliminate potential health hazards from organic coatings components. In addition, the authors have developed new material to make the text more accessible for scientists and engineers first entering the field, as well as for students taking coatings courses. At the same time, the hallmarks that distinguished the two previous editions have been retained, including:

- Troubleshooting guidance for coatings scientists and technologists
- Clear differentiation between established principles and hypotheses requiring further research
- Precise definitions of coatings industry terminology
- Extensive references to the current literature
• Hundreds of figures that help readers visualize key concepts and techniques

Whether you are just entering the field of organic coatings and need a broad overview or you are an experienced professional who needs a sophisticated reference, you can depend on *Organic Coatings* to give you the information and answers you need.

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**ABOUT THE AUTHOR**

**ZENO W. WICKS, Jr.,** PhD, has more than fifty years of experience in the coatings field, including twenty-eight years with Inmont Corporation and eleven years as Professor and Chairman of the Department of Polymers and Coatings at North Dakota State University. Currently working as a consultant, Dr. Wicks is the recipient of the Mattiello Memorial Lectureship, the Roy W. Tess Award, and four Roon Awards.

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