



# **Flammability and Sensitivity of Materials in Oxygen-Enriched Atmospheres: Third Volume**

**Dennis W. Schroll, *editor***

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***Flammability and Sensitivity  
of Materials in Oxygen-Enriched  
Atmospheres: Third Volume***

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## Foreword

This Third International Symposium on Flammability and Sensitivity of Materials in Oxygen-Enriched Atmospheres, Third Volume, was presented at Churchill College, Cambridge, England, 6–8 April 1987. The symposium was sponsored by ASTM Committee G-4 on Compatibility and Sensitivity of Materials in Oxygen Enriched Atmospheres. Dennis W. Schroll, Aeronautical Systems Division, Wright-Patterson Air Force Base, OH, served as chairman of the symposium. Additionally, Keith A. Miller, Air Products and Chemical Co., Inc., Allentown, PA; Dr. Roy S. Irani, BOC Limited, Brentford, Middlesex, England; and Keith Guy, Air Products Europe, Walton on Thames, Surrey, England all provided a significant contribution to the symposium as co-chairmen. Dennis W. Schroll is also technical editor of the resulting publication.

The information content in this publication does not reflect U.S. Air Force design guidance. Mr. Schroll provided assistance to the ASTM G-4 Committee as a member to facilitate a more effective exchange of information in this technical field. The U.S. Air Force has no liability regarding the accuracy and validity of any paper or information within this publication and is not responsible for any statements and opinions expressed in this publication.

# Acknowledgment

This Third International Symposium on Flammability and Sensitivity of Materials in Oxygen-Enriched Atmospheres could not have been possible without the continuing, tireless contributions made by a number of individuals. Keith A. Miller, Air Products and Chemical Co., Inc., Allentown, PA, contributed much of his time in making the overseas arrangements for the meeting room and accommodations at Churchill College, Cambridge, England. Keith Guy, Air Products Europe, Walton on Thames, Surrey, England and Dr. Roy S. Irani, BOC Limited, Brentford, Middlesex, England, assisted in making symposium arrangements at Cambridge, England, advertising the symposium in Europe to obtain authors and attendees and also putting together the symposium book of abstracts. My personal thanks also go to Dr. Clyde McKinley, Consultant, Allentown, PA, who contributed his valuable time to give a well-received keynote address. He also spent much of his time preparing a paper for the resulting publication that should be of great assistance to future work in this area. My thanks also go to the ASTM staff managers, Tom F. Thompson, who spent much time in preparation for the symposium and Raymond Sansone who managed the registration on site and coordinated activities with the Churchill College staff. There were also many others at ASTM headquarters who contributed to this symposium, and I would like to thank them all.

Before and after the symposium, the members of the ASTM Committee G-4 who sponsored this symposium contributed much time and attention to ensuring this symposium would be successful. Their contributions also must be acknowledged. Additionally, Robert Lowrie, BOC Group, Murray Hill, NJ, served as co-chairman at the symposium substituting for Keith Miller, who was unable to attend. His assistance was appreciated.

A very special thanks and my appreciation for their untiring assistance go to the group who volunteered to serve as co-editors to assist the lengthy review process of the papers in this publication. The co-editors are Keith Miller, Coleman J. Bryan, Jack Stradling, Jim Bransford, Ken McIlroy, John Cronk, and Bob Lowrie.

I would also like to give my appreciation to the authors who spent so much of their time involved in testing and analyses so they could report their worthwhile findings at this symposium. Their efforts will be rewarded as they have contributed to the advancement in this technical field.

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