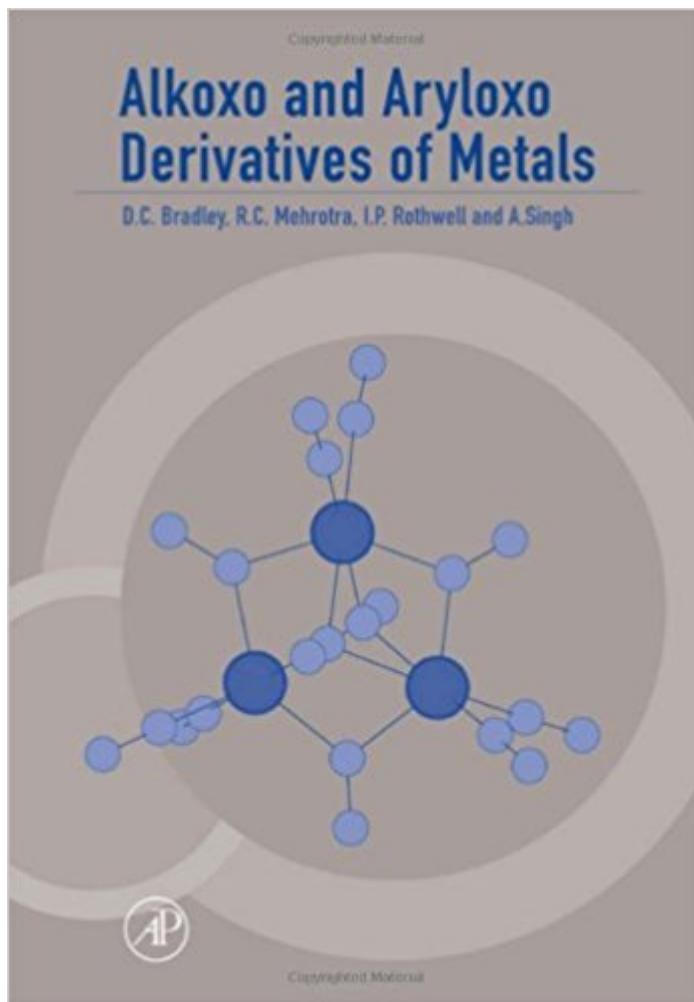


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Alkoxo And Aryloxo Derivatives Of Metals



Synopsis

Alkoxo and Aryloxo Derivatives of Metals gives a comprehensive account of the chemistry of metal alkoxides and metal aryloxides, including their industrial applications such as microelectronics, ceramics, nonlinear optical materials, high-temperature superconductors, specialized glasses, and other advanced novel materials. It is an invaluable reference source book. The book is an updated edition of Metal Alkoxides, published by Academic Press in 1978, with additional coverage of metal aryloxides. It reflects the enormous growth in interest in this field in recent years. Alkoxo and aryloxo derivatives are organic compounds with metals for useful industrial purposes. Alkoxo and Aryloxo Derivatives of Metals will appeal to a wide-ranging audience, including university researchers and chemistry graduate students in industrial laboratories concerned with microelectronics, ceramics, glasses and other advanced novel materials; any laboratories doing research on nonlinear optical materials, high-temperature superconductors, ceramic materials, and specialized glasses. It can also serve as a supplementary text for final year courses in advanced inorganic chemistry, e.g., metallo-organic chemistry.

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Customer Reviews

Metal alkoxides and metal aryloxides have been the subject of intense activity in recent years, both in research and in industrial applications. In this book the authors, who are all acknowledged experts in the field, provide a comprehensive account of all aspects of this fascinating area. The book is based on Metal Alkoxides (Academic Press, 1978) and has been updated and expanded to

include metal aryloxides. The book includes an immense amount of data on metal alkoxides and aryloxides, including structural details in tabular form for easy reference. Readers will find this an invaluable reference source that reflects the enormous growth in interest in this field in recent years. Alkoxo and Aryloxo Derivatives of Metals will appeal to a wide-ranging audience, including: University Researchers and Chemistry Graduate Students; Researchers in industrial laboratories concerned with: microelectronics, ceramics, glasses and other advanced novel materials; Any laboratories doing research on non-linear optical materials, high-temperature superconductors, ceramic materials, and specialized glasses; As a supplementary text for Final Year Courses in Advanced Inorganic Chemistry, e.g. Metallo-Organic Chemistry. The book details: Synthesis and characterization Physical and chemical properties of alkoxo and aryloxo derivatives of metals Heterometal alkoxides and metal oxoalkoxides of industrial importance The book covers applications in: microelectronics ceramics non-linear optical materials high-temperature superconductors specialized glasses other advanced novel materials

Best knives I've owned! value for this price. OK, there is do not have any problem. awesome and very well. i have bought one before,

This text is an exhaustive review of the chemistry of metal alkoxo and aryloxo complexes. The amount of material covered and the number of references given are staggering. Chapter 6 was so exciting that after reading it, I had to go outside and do Tai Chi to calm myself down! A must have!

This is the pinnacle of authored texts in my humble opinion. This is a must for anyone interested or working in the field of transition metal alkoxo or aryloxo species. Excellent references and interesting results can be found in this book. A must have!

The insight and rich prose within have helped me finally reach self-actualization. This book is the Cadillac of metal alkoxo and aryloxo texts.

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