Handbook Of Adhesives And Sealants

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Volume 2 of Elsevier’s Handbook of Adhesives & Sealants Series, General knowledge, application of adhesives & new curing techniques, covers the mechanisms of adhesion, its application, and drying and curing techniques. The volume is divided into the following sections: Theory of adhesion Metering and dispensing Design and calculation of bonded joints Heat stable adhesives UV curing Flexible bonding and sealants. Each contributing author is a scientist, practitioner, engineer, or chemist with an abundance of practical experience in their respective field, making this text a reference for people needing a quick, but authoritative, description of topics in the field of adhesion and the use of adhesives and sealants. It is intended for scientists and engineers of many different backgrounds who need to have an understanding of various aspects of adhesion technology. These will include those working in research or design, as well as others involved with marketing services. It is expected to be a valuable resource for both undergraduate and research students. Contents. List of Contributors. Edward M. Petrie. Publisher's Note: Products purchased from Third Party sellers are not guaranteed by the publisher for quality, authenticity, or access to any online entitlements included with the product. The most complete guide to polymeric adhesives and sealants, this second edition will provide the best opinions on the latest advances in the industry. The Handbook of Adhesives and Sealants, 2nd Edition is primarily written to assist all those who have a permanent or temporary interest in adhesives and sealants. For those new to the field, the Handbook will provide a fundamental knowle
It will include 80 chapters dealing with general information, theory of bonding and sealing, design of bonding parts, technical characteristics, chemistry, types of adhesives, application, equipment, controls, standards etc. Industrial applications such as automotive, aeronautics, building and civil engineering, electronics, packaging, wood, furniture, metals, plastics and composites, textiles, footwear etc. Contributions from more than 60 authors, each a well-known specialist in their field, have been co-ordinated to produce the most comprehensive Handbook of Adhesives and Sealants ever published. The handbook will be published as 8 volumes, over a period of 4 years and will contain over 2800 pages, rich with case studies, industrial applications and the latest research. It is a work in progress, enabling the latest new and important applications to be included as they happen. Volume 2 of Elsevier’s Handbook of Adhesives & Sealants Series, General knowledge, application of adhesives & new