Handbook Of Adhesives And Sealants

Edward M Petrie

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

SJR is a measure of scientific influence of journals that accounts for both the number of citations received by a journal and the importance or prestige of the journals where such citations come from. It measures the scientific influence of the average article in a journal, it expresses how central to the global scientific discussion an average article of the journal is. 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 knowledge. Adhesives and sealants are truly remarkable materials, and I find the technology supporting these materials to be equally extraordinary and at times a bit overpowering for infrequent users of these products. I know of no other technology spread so expansively throughout our lives. It is difficult to imagine a product in the home, in industry, in transportation, or anywhere else that does not use adhesives or sealants in some manner. Yet, many of us who work with adhesives and sealants, probably back into being experts almost by default. The Handbook will define the universe of adhesives and sealants from the perspective of the end-user, and in that way will provide a practical and useful source of information. My perspective is as an end-user as well.