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Sommario/riassunto

This book serves as a comprehensive guide to wood adhesives and finishes, offering detailed insights into polymer chemistry and its application in the field. Authored by Professor Moon G. Kim, it delves into the principles of thermosetting and thermoplastic wood adhesives, covering a range of resins including UF, MUF, PF, and isocyanate. The work explores the manufacturing processes and application methods for various wood products such as medium density fiberboard, plywood, and furniture assemblies. Additionally, it discusses the theory and practical aspects of adhesive bonding and evaluates the durability and quality of wood adhesive bonds. Aimed at practitioners and students in the wood adhesives and forest products industries, this book provides essential knowledge for those with a background in science and engineering.

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