Handbook of Epoxy Resins. Henry Lee and Kris Neville.

This book is indeed a very comprehensive and useful presentation of almost encyclopedic proportions. The field of epoxy resins is covered in an expert and authoritative fashion. The material covered includes synthesis, characterization, curing agents (several types), additives and modifiers and several chapters on applications. The latter include casting and potting, tooling resins, foams, molding and coating adhesives, laminates and fiber reinforced composites, solventless coating and solution coatings. A final thoughtful chapter (No. 25) is devoted to handling methods and safety precautions for epoxy resins. The material is covered in simple and concise fashion and is accompanied by clear and educational photographs and sketches. There are useful subheadings in each chapter as well as a summary and an excellent set of references presented in chronological order. The latter is very useful in providing at a glance the more recent developments as well as the old. The index appears to be complete and useable. This book is highly recommended to the amateur and professional alike. The former will find it worthwhile as a reference book while the latter will find detailed presentations of chemistry, structure and properties, and applications.

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