

Building Materials

Product Emission and Combustion Health Hazards

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As the list of regulated chemicals deemed environmental and/or occupational toxins grows, so do components of building materials. This book consolidates extensive research into plastics and functional building materials used in construction and renovation projects. It penetrates the mire of information and provides an easy reference for environmental professionals, architects, and construction managers. It provides a pre- and post- construction guide to potential materials emission and combustion health hazards that one might anticipate prior to, during, and after construction.

KEY FEATURES

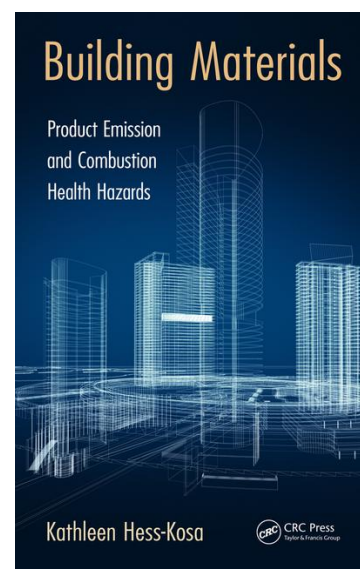
- Offers a time-saving, easy reference to read and understand
- Provides a single source for most building material health hazards with uniform chapter format for comparing technologies
- Sheds light on obscure research revelations with helpful and useful design, figures, and tables
- Serves as a pre- and post-construction guide for material selection
- Includes up-to-date information from an expert in indoor air quality

SELECTED CONTENTS

POLYMERS. Polymers in Construction. Molded and Extruded Plastics. Foam. Rubber. Plasticizers. Plastic Stabilizers, Pigments, and Fire Retardants. BUILDING MATERIALS BY FUNCTION. Functional Building Materials. Rough-in and Dry-in Construction Components. Interior Construction Components. Finish-out Construction Components. Surface Applications, Glues, and Mortar. Natural Materials. Engineered Composite Materials. Recycled Materials. PRODUCT EMISSIONS AND GREEN BUILDINGS. Product Emission Testing. Green Building Requirements. Glossary. Appendices.

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Catalog no. K25315
February 2017, 334 pp.
ISBN: 978-1-4987-1493-8
\$169.95 / £108.00

www.crcpress.com

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1-800-634-7064 • 1-561-994-0555 • +44 (0) 1235 400 524



CRC Press
Taylor & Francis Group