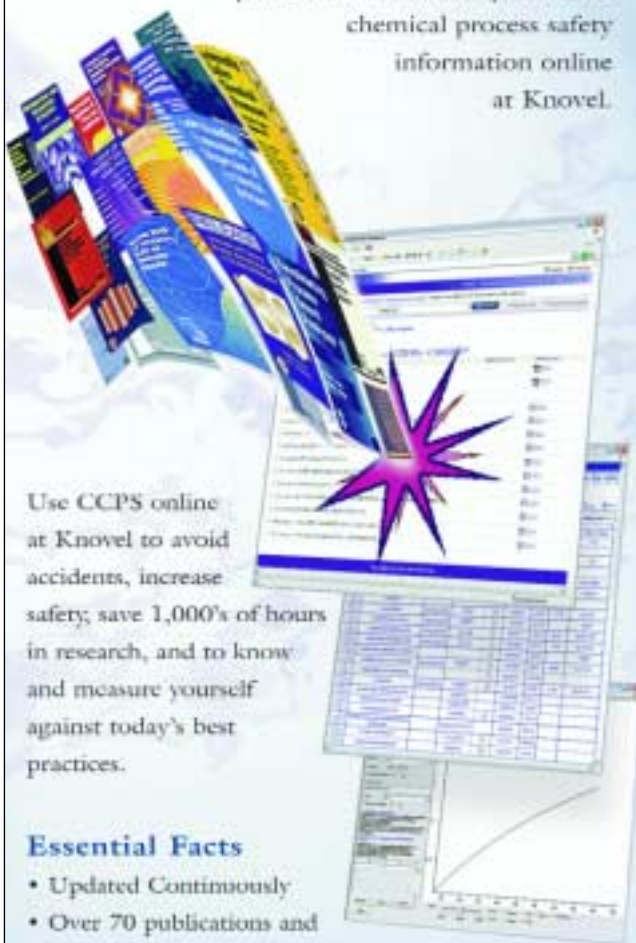


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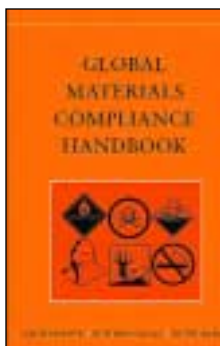
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## Books

### Global Materials Compliance Handbook

**John Phyper, Philippe Ducas and Peter Baish,**  
**John Wiley & Sons, New York, NY, 477 pp., \$89.95, 2004**



To deal with global legislation pertinent to hazardous chemicals and/or dangerous goods, more and more organizations are developing their own materials compliance systems (MCS). Creating an MCS from scratch can be labor-intensive and typically takes several years. The resulting MCS, if not designed and implemented properly, may lack key integration points to other systems within the organization, only address

a small portion of legislation pertinent to the organization's activities, and become outdated within a relatively short period of time. Until now, the need for a standard set of guidelines for these systems at the global level has not been available. This handbook consolidates all relevant regulatory issues that affect a business, such as purchasing, research and development, testing, manufacturing and distribution of regulated materials. Country-by-country regulatory coverage includes: requirements for chemical registration, notification, and listing; requirements for MSDS and product labels; and requirements for transportation, import and export.

### The Handbook of Advanced Materials

**James K. Wessel, John Wiley & Sons, Hoboken, NJ,**  
**645 pp., \$125.00, 2004**



With the pace of technological development quickening, choosing the right materials for a design can be a major factor in a product's success or failure. *The Handbook of Advanced Materials* brings together the latest information designers and product engineers need to know about these new materials and their properties.

Taking a comparative approach geared towards problem-solving and material selection, this resource will

serve as a bridge between the practitioner and the material supplier. Detailed chapters describe the state-of-the-art of each advanced material, including: plastic composites; new tougher ceramics; intermetallics; metal matrix composites; and new alloys. In addition to chapters on specific materials, later chapters cover advances in manufacturing, nondestructive evaluation, and corrosion, among other topics. These chapters also contain information on *in situ* toughening, plasma spray, solid-state ion deposition, liquid veristors, smart materials and remote microscopy.