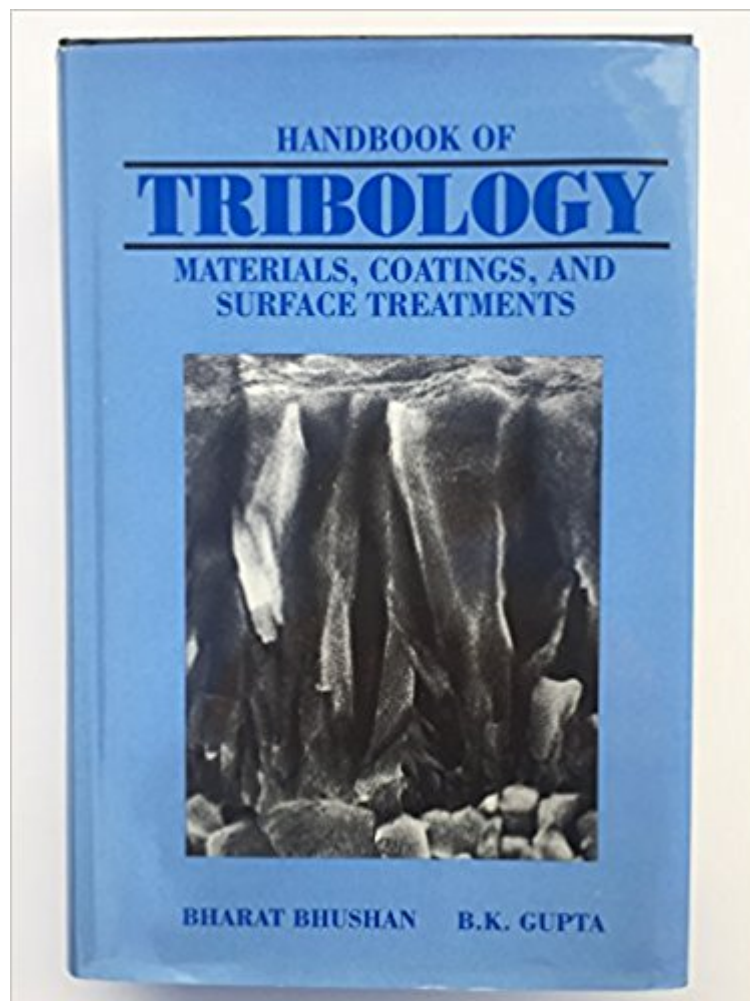




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# Handbook Of Tribology: Materials, Coatings, And Surface Treatments



## Synopsis

The first comprehensive applications-oriented handbook on the materials and treatments for reducing friction and wear in machinery. The authors present a practical and straightforward explanation of the principles of tribology - friction, wear, surface treatments, and lubrication - and illustrate how to apply these principles to minimize stress on a machine's moving parts. This applications-oriented handbook provides designers with all the information and guidance needed to evaluate the friction and wear characteristics of materials, using easy-to-read tables and charts, identify the materials, coatings, processes and surface treatment techniques that prolong machine life, and set and meet design criteria using field-tested techniques and the authors' expert recommendations. This handbook fills a major gap in the information needed to build and maintain machinery. It will become an essential resource and on-the-job tool for mechanical, design and maintenance engineers, as well as a reference for materials science professionals.

## Book Information

Hardcover: 1 pages

Publisher: McGraw-Hill (Tx) (April 1991)

Language: English

ISBN-10: 0070052492

ISBN-13: 978-0070052499

Product Dimensions: 2.2 x 6.5 x 9.5 inches

Shipping Weight: 3.4 pounds

Average Customer Review: 4.0 out of 5 stars 1 customer review

Best Sellers Rank: #525,625 in Books (See Top 100 in Books) #1 in Books > Engineering & Transportation > Engineering > Mechanical > Tribology #287 in Books > Engineering & Transportation > Engineering > Mechanical > Machinery #908 in Books > Textbooks > Engineering > Mechanical Engineering

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