

For Immediate Release

August 8, 1952

LEAD INDUSTRIES ASSOCIATION
420 Lexington Avenue
New York 17, N.Y.

SUBJECT: REVIEW OF "LEAD
IN MODERN INDUSTRY"

"Lead in Modern Industry" is the title of a new, fully illustrated, 230 page, cloth bound book that has just been published by the Lead Industries Association. This is the only book currently available whose subject matter is devoted exclusively to the manufacture, applications and properties of lead, lead alloys and lead compounds. It was written to provide the public in general with a broad picture of the whole lead industry and, at the same time, serve as a handy reference source for those who are already using lead and its products. It is sufficiently technical to be of practical value to the engineer in industry and yet broad enough for those with a more casual interest.

The book is divided into twenty-eight chapters beginning with the history of lead, its production from mine to refined metal, and a detailed description of the various techniques for fabricating the metal into useful form. Separate chapters are devoted to the more important uses for lead including storage batteries, cable sheathing, chemical construction, plumbing, architecture, radiation protection, coatings, solders, bearing metals, ammunition, and so on through a host of other applications. The corrosion

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resistance of lead and its alloys and methods of using them for chemical construction are fully detailed along with the techniques for joining lead by soldering or welding (burning). Some of the more complex operations are illustrated with both drawings and photographs.

The balance of the book is devoted to the manufacture, applications and properties of industrial lead compounds including white lead, lithargo, red lead, tetraethyl lead and others. White lead paints and metal protective paints are covered in detail with actual formulations given for a variety of specific applications.

Rounding out the book are the latest specifications for lead, lead alloys and lead products as well as the properties of lead and lead alloys and the physical constants of organic and inorganic lead compounds.

"Lead in Modern Industry" may be obtained for \$1.50 per copy, postpaid, by writing to the Lead Industries Association, 420 Lexington Ave., New York 17, New York.

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