



Lead Industries Association, Inc.

282 Madison Avenue • New York, N. Y. 10017 • Telephone: (212) 679-8038

October 22, 1968

TO: MEMBERS OF LEAD INDUSTRIES ASSOCIATION, INC.

ACOUSTICAL PRODUCT INFORMATION SHEETS

For some time past, we have maintained a directory of lead, or lead based products, which have to do with sound attenuation or vibration damping. This directory is sent out, along with the pertinent literature on the subject, in response to a considerable volume of inquiries received by LIA. Copies of the pages which make-up this directory are enclosed.

We are now in the process of updating these product information sheets and, if your company is now making or supplying any of the products listed and wishes to be included in the next printing of the directory, will you please fill out the attached questionnaire, returning one copy to us and retaining the other for your file.

We would appreciate hearing from you by November 15, 1968, the planned publication date.

Yours very truly,


David M. Borcinn
Secretary, Treasurer

DMB:ip
Encl.

P. S. You are the only individual in your company receiving this request.

Our Company should be listed in LIA's DIRECTORY OF ACOUSTICAL SPECIALTIES under the products checked:

PRODUCT	MANU- FACTURE	STOCK	DESCRIPTION
Damping Materials (Bulk)			
Damping Materials (Sheet)			
Doors and Walls			
Lead Powder			
Lead Ore, Powdered			
Flenum Barriers			
Rigid Sheet			
Flexible Sheet			
Lead, Metal			
Loaded Neoprene			
Loaded Rubber			
Loaded Urethane			
Loaded Vinyl			
Special Purpose Materials			
Other			

Please include, for each category, a short description, consistent with the present format, of the product or products to be included. Also indicate the name of the individual and his address, to whom inquiries should be directed.

Individual _____

Company _____

Address _____

City _____ State _____ Zip Code _____

Please return by November 15, 1968 to:

Mr. David M. Borcina, Secretary, Treasurer
Lead Industries Association, Inc.
292 Madison Avenue, New York, N. Y. 10017

Our Company should be listed in LIA's DIRECTORY OF ACOUSTICAL SPECIALTIES under the products checked:

PRODUCT	MANUFACTURE	STOCK	DESCRIPTION
Damping Materials (Bulk)			
Damping Materials (Sheet)			
Doors and Walls			
Lead Powder			
Lead Ore, Powdered			
Plenum Barriers			
Rigid Sheet			
Flexible Sheet			
Lead, Metal			
Loaded Neoprene			
Loaded Rubber			
Loaded Urethane			
Loaded Vinyl			
Special Purpose Materials			
Other			

Please include, for each category, a short description, consistent with the present format, of the product or products to be included. Also indicate the name of the individual and his address, to whom inquiries should be directed.

Individual _____

Company _____

Address _____

City _____ State _____ Zip Code _____

Please return by November 15, 1968 to:

Mr. David M. Bortina, Secretary, Treasurer
Lead Industries Association, Inc.
292 Madison Avenue, New York, N. Y. 10017

COMPANIES LISTED IN THE DIRECTORY SHEETS

revision 4 (8/68)

ALCAN METALS POWDERS, INC. Box 290 Elizabeth, New Jersey 07207 Mr. Richard C. Lamborn	DURACOTE CORPORATION 350 N. Diamond Street Ravenna, Ohio 44266 Mr. R. D. Cathcart	OVERLY MANUFACTURING CO. 574 W. Otterman Street Greensburg, Pa., 15601 Mr. H. W. Webe, Jr.
AMERICAN HARD RUBBER COMPANY Butler, New Jersey 07405 Mr. Frank Cathey	EAGLE-PICKER INDUSTRIES, INC. American Building Cincinnati, Ohio 45202 Mr. Don R. Carter	PIONEER INDUSTRIES, INC. Carlstadt, New Jersey Mr. Jesse Beyer
AMERICAN SMELTING & REFINING COMPANY Federated Metals Div. 150 St. Charles Street Newark, New Jersey 07105 Mr. Floyd Perry	FURANE PLASTICS, INC. 4516 Brazil Street Los Angeles, California Mr. W. Devar 90039	RAY PROOF CORPORATION 50 Keeler Avenue Norwalk, Conn. 06854
AMERICAN ZINC COMPANY 20 S. Fourth Street St. Louis, Missouri 63102 Mr. Carl H. Cotterill	KILOORE REMOVABLE WALLS LTD. 1548 The Queensway Toronto 18, Ontario, Canada Mr. F. A. Kilgore	SHIELDING RESEARCH CO., INC. 727 Pico Blvd. Los Angeles, California 90021
ARCY MANUFACTURING COMPANY 232 Water Street New York, New York 10038 Mr. Richard Taaffe	LORD MANUFACTURING COMPANY Erie, Pennsylvania 16512 Mr. Robert Alexander	SINGER PARTITIONS, INC. 445 N. Lake Shore Dr. Chicago, Ill. 60611 Mr. I. Singer
BAR-RAY PRODUCTS 209 25th Street Brooklyn, New York 11232 Mr. Ray Lapof	IRVING B. MOORE 30 Rindge Avenue Ext. Cambridge, Mass. 02140 Mr. Paul B. Moore	THE SOUNDCOAT COMPANY, INC. 515 Madison Avenue New York, N.Y. 10022 Mr. Francis Kirschner
CHEMICAL COATINGS & ENGINEERING COMPANY 221 Brooke Street Media, Pennsylvania 19063 Mr. Karl Benning	METAL-TECH, INC. 232 Gooch Street Biddeford, Maine 04005	SUBOX COATINGS DIV. WYANDOTTE CHEMICAL CORP. Burling Court Hackensack, New Jersey 07601 Mr. H. S. Bennett
CHEMICAL RUBBER PRODUCTS, INC. Beacon, New York 12508 Mr. Peter Franco	METALEAD PRODUCTS CORP. 2901 Park Blvd. Palo Alto, California 94306 Mr. Arthur Mullaly	TAYMOUTH INDUSTRIES 42 Queen Elizabeth Blvd. Toronto, Canada
COMINCO LTD. 630 Dorchester Blvd. W. Montreal 2, Canada Mr. Arthur Ash	MIDWEST RUBBER RECLAIMING CO. P.O. Box 779 Chester, Pennsylvania 19016 Mr. John W. Sherman	U. S. INSULATION SALES CORP. 2306 Edwards Street Houston, Texas 77007 Mr. W. E. Lessing
CORDO DIV. OF FERRO CORP. P.O. Box 151 34 Smith Street Norwalk, Connecticut 06852 Mr. Fred Hall	MORGAN ADHESIVES COMPANY 4560 Darrow Road Stow, Ohio 44224	VENEERED METALS, INC. Woodbridge Av. at Main P. O. Box 327 Edison, New Jersey 08817 Mr. Bernard Dolan
DEVCON CORPORATION Danvers, Massachusetts 01923 Mr. A. Creighton	NATIONAL LEAD COMPANY 111 Broadway New York, New York 10006 Mr. Warren T. Trank	WESTERN LEAD PRODUCTS COMPANY P. O. Box 1223 City of Industry, California 91744
	NATIONAL FOLDING WALL CORP. P.O. Box 174 Old Bridge, New Jersey 08857 Mr. Robert J. Symonds	

Sheet 1—revision 3 (5/67)

DAMPING MATERIAL, BULK

Chemical Coatings & Engineering Co.: "Actrol" tradename materials. "Actrol-N" is neoprene based, air curing. "Actrol-U" is urethane based, air curing. "Actrol-E" two part epoxy cures without air.

Devcon Corp.: "Devcon L" tradename two part epoxy systems cure without air. "Hard" and "soft" formulations available.

Furane Plastics, Inc.: "Epocast" tradename epoxy and silicone trowelling and casting materials. "Hard" and "soft" cure types available.

Midwest Rubber Reclaiming Co.: Thermoplastic lead loaded trowelling compound.

Subox Div., Wyandotte Chemical Corp.: "Acousti-Coat" tradename lead loaded epoxy material available for hard or soft cure.

For company address, see list sheet

Sheet 3—revision 3 (5/67)

DOORS and WALLS

Overly Manufacturing Co.: Soundproof doors employing a free-hanging internal leaded vinyl septum. Available ratings from 42 to 62 db. *Patents cover doors, panels, seals, glazed and louvered openings.*

Pioneer Industries, Inc.: "Pisonic" tradename for sound proof doors available with ratings to 51 db. Includes patented louvered doors.

Kilgore Removable Walls Ltd.: Patented modular removable wall employing sheet lead. Typically weighs about 4 psf and affords about 35 STC.

Singer Safety Products, Inc.: "Sound Stopper" tradename leaded vinyl flexible curtain on tracks for room dividers with acoustical privacy. About 0.4 psf material with STC rating of 19.

Taymouth Industries: Movable office partitions, modular panels employing lead.

National Folding Wall Corp.: Soundproof, and soundretarding doors and folding and sliding walls, employing lead sheet septum and sound absorbing core. Available ratings for door and folding or sliding walls from 40 to 60 db.

Sheet 4—revision 2 (1/67)

LEAD POWDER

Metalead Products Corp.

Alcan Metals Powders, Inc.

National Lead Co.

Western Lead Products Co.

LEAD ORE, POWDERED

American Zinc Co.

Eagle-Picher Lead Co.

For company address, see list sheet

Sheet E—revision 3 (8/67)

PLENUM BARRIERS

American Smelting & Refining Co.: Sheet lead 1/64" weighing 1 psf.

Bar-Ray Products Co.: "LeadX" tradename lead loaded vinyl without decorative topcoat.

Chemical Rubber Products Co.: Lead loaded neoprene, fabric backed.

Cominco: Sheet lead 1/64" weighing 1 psf.

Cordco Div., Ferro: "Coustifab" tradename lead loaded vinyl, fabric backed.

Duracote Corp.: Lead loaded vinyl, fabric backed.

For company address, see last sheet

Sheet 6—revision 2 (2/67)

RIGID SHEET

American Hard Rubber: Lead loaded rubber or neoprene.

Bar-Ray Products: Sheet lead laminated to wood paneling, steel, gypsum board, structural clay products, modular panels and walls.

Ray Proof Corp.: Sheet lead laminates to wood and other structural materials.

Shielding Research Co.: Sheet lead laminates to wood, steel, and acoustical curtain material.

For company address, see last sheet

Sheet 6--revision 3 (5/67)

RIGID SHEET

American Hard Rubber: Lead loaded rubber or neoprene.

Bar-Ray Products: Sheet lead laminated to wood paneling, steel, gypsum board, structural clay products, modular panels and walls.

Ray Proof Corp.: Sheet lead laminates to wood and other structural materials.

Shielding Research Co.: Sheet lead laminates to wood, steel, and acoustical curtain material.

For company addresses, see last sheet

SHEET, FLEXIBLE

Sheet 7—revision 3 (2/67)

Lead (metal)

American Smelting & Refining: thin sheet from $\frac{1}{4}$ to 2 psf supplied in 25-foot rolls 4 feet wide. While sheet lead is generally available from any number of sources, a premium price is usually charged for weights lighter than 3 psf. This continuous cast lead sheet carries no such cost premium.

Cominco: thin sheet from $\frac{1}{2}$ to 3 psf in widths up to 3 feet. No cost premium over conventional rolled sheet.

Morgan Adhesive: lead foil laminates and lead foil with decorative vinyl finish. Available as self-adhesive sheet or tape.

U. S. Insulation: "Thermo-Kustic" (tradename) sheet lead coated both sides with fire-resistant sprayed fiber.

Loaded neoprene

American Hard Rubber

Arcy Manufacturing

Chemical Rubber Products: lead-loaded neoprene coated on fabric.

Loaded rubber

American Hard Rubber

Loaded urethane

Chemical Coatings & Engineering: "Actrol-U" (tradename) coated on glass cloth or other sheet. May be lead or galena loaded. Also supplied without backing in "tiles" 12" x 12" x $\frac{1}{4}$ " for heavy-duty damping.

The Soundcoat Company, Inc.: "Soundbar-LF" tradename. Employs 1 psf lead sheet between polyurethane foam layers of several thicknesses. Furnished with or without pressure sensitive adhesive surface.

Loaded vinyl

Bar-Ray Products: "LeadX" (tradename) highly loaded flexible vinyl with tinted and textured vinyl topcoat two sides suitable for decorative use. Weight and thickness of standard grades range from about $\frac{1}{2}$ psf to 3 psf ($\frac{1}{4}$ " thick). Other weights and grades can be made and material can be furnished without topcoat. Meets Board of Standards and Appeal (N. Y.).

Cordo Div., Ferro: "Coustifab" (tradename) highly loaded flexible vinyl on glass cloth or cotton duck backing. Very wide variety of styles and types include colors, textures, printed designs, laminated finish (e.g. fabric, bark cloth), self-adhesive backing, foam backing, self-adhesive foam backing, perforated sheet, and others. Weights from 0.15 psf and up. Meets aircraft and architectural vertical flame test requirements.

Duracole Corp.: highly loaded flexible vinyl coated on fabric backing. Wide variety of styles, weights, and finishes includes colors, embossed textures, and printed designs. Weights from $\frac{1}{2}$ psf or less and up. Meets vertical flame test specification.

Metal-Tech Chemical Co.: "Acousti-Flex" (tradename) flexible loaded vinyl sheet with or without adhesive backing.

Shielding Research Co.: flexible loaded vinyl with or without fabric backing.

For complete information, see last sheet

SPECIAL PURPOSE MATERIALS

Cordo Chemical Div., Ferro: "Coustifab" tradename flexible lead loaded vinyl sheet with additions for special purposes. Foam backed and perforated for combination damping-absorption, etc.

Chemical Coatings & Engineering: "Actrol" tradename. These products include a lead loaded neoprene trowelling compound for coating and trowelling steel surfaces and structures to damp sound and vibration; lead loaded urethane or epoxy "tiles" of 12 x 12 x 1/2" for very heavy duty surface damping; lead loaded epoxy casting compounds; and lead loaded Hypalon paint for light duty (sheet metal) sound damping. Also produce "acoustical grade" contact cements for laminating sheet lead.

Irving B. Moore: Special jacket fabricated of neoprene sheathing embodying loose lead shot in pockets. Used as external covering for submarines.

Morgan Adhesives Co.: Pressure sensitive adhesive materials.

U. S. Insulation: "Thermo-Kustic" (tradename) metallic lead sheet is coated both sides with fire-resistant fiber sound absorption material.