

NATIONAL LEAD COMPANY

Bearing Metals, Solders, Sheet Lead, Sheet Tin, Lead and Tin Pipe and Tubing and Other Metal Products

NEW-YORK, N. Y., 111 Broadway
BALTIMORE, MD., 214 West Henrietta Street
BUFFALO, N. Y., 116 Oak Street
CHICAGO, ILL., 900 West 18th Street
CINCINNATI, OHIO, 659 Freeman Avenue
CLEVELAND, OHIO, 820 West Superior Avenue
ST. LOUIS, MO., 722 Chestnut Street

BOSTON, MASS., National-Boston Lead Co., 800 Albany Street
PHILADELPHIA, PA., John T. Lewis & Bros. Co., Widener Building
PITTSBURGH, PA., National Lead & Oil Co. of Pennsylvania, 316 Fourth Avenue
ATLANTA, GA., Georgia Lead Works, East and Bishop Streets
CLEVELAND, OHIO, Gibson & Price, Sweetland Building

Babbitt Metal

Under the Dutch Boy brand we sell a complete line of bearing metals of various compositions ranging from high tin to high lead content. The completeness of the line makes it possible to select the proper type metal for every type of service. In addition to the two described below there are many other classes and grades.



Dutch Boy Phoenix Metal

Recommended for heavy work and high speed machinery. Can readily be run into the smallest boxes. It is tough, hard and elastic and will safely withstand heavy service.

Dutch Boy Perfection Anti-Friction

This is a popular priced, copper-hardened metal showing a crushing strain nearly equal to that of the highest priced metals. It is free flowing, retains oil on its surface remarkably well, and is admirably adapted for all general work, except where highest speeds are developed.

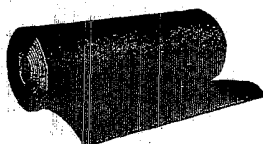


Satco Metal Bearings

Satco metal bearings are made to withstand unusually high speeds and heavy shaft and axle loads. Satco metal, which is a white metal alloy, has shown itself in tests covering a period of eight years to be more durable than standard-composition metals. It has an unusually high solidification temperature (363° F.) which greatly increases resistance to lubrication failure in service.

Sheet Lead and Block Tin Sheet

We are in a position to furnish sheet lead of five types—common, antimonial, chemical, crawlproof and tellurium. The common sheet is rolled only from pure virgin pig lead. Antimonial is alloyed with antimony according to specification, giving greater acid-resistance, elasticity and tensile strength. Chemical lead sheet is made from the best grades of Missouri chemical lead. Crawlproof sheet is reinforced inside with



antimonial lead supporting bars and is designed especially to prevent buckling, stretching or wrinkling. Tellurium sheet is superior to all other types in tensile strength, toughness, resistance to sulphuric acid and vibration or fatigue resistance.

We also furnish block tin sheet made of highly refined tin. All sheet comes in a great variety of sizes and weights to meet any specification.

Solders



All Dutch Boy solders are guaranteed to be made of clean metals. The complete line consists of a solder for every need, ranging from 111, a real "half and half," to 888 which is a grade with a high lead content.

Flux-Core Solder

Dutch Boy flux-core solder is furnished with either rosin or acid core. Comes ready for use on 1-lb., 5-lb. and larger spools up to 50 lb.



In addition to the Dutch Boy solders we supply a great variety of mixtures, shapes, sizes, lengths and weights. In fact, we can furnish solder in any form desired by the user and alloyed according to any desired formula.

Also:

TRIANGULAR SOLDER.	AUTO BODY SOLDER.
WIRE SOLDER.	PULVERIZED SOLDER.
DROP SOLDER.	RIBBON, TAPE OR SEGMENT SOLDER.

Other Metal Products

In addition to the metal products featured on this page NATIONAL LEAD COMPANY sells the following:

- Bar tin.
- Bar lead.
- Bearings.
- Burning and caulking lead.
- Brittania metal.
- Coils—lead-lined or lead covered copper or steel.
- Hardening lead.
- Pewter.
- Pipe and tubing—block tin, composition, lead.
- Stamping metal tape—lead, tin, alloy.
- Wire—lead-coated iron, lead, tin, lead-copper.
- Lead sash weights.
- Lead washers and gaskets.
- Traps and bends.
- Lead wool.

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NATIONAL LEAD COMPANY

Paint Materials for the Protection and Decoration of Wood, Plaster, Brick, Stone, Concrete, Stucco, Metal

NEW YORK, N. Y., 111 Broadway
BUFFALO, N. Y., 116 Oak Street
CHICAGO, ILL., 900 West 18th Street
CINCINNATI, OHIO, 659 Freeman Ave.
CLEVELAND, OHIO, 820 West Superior Avenue

ST. LOUIS, MO., 722 Chestnut Street
SEATTLE, WASH., 973 John Street
PORTLAND, ORE., 1211 N. W. Gilson Street
SAN FRANCISCO, CAL., 2240 24th St.
LOS ANGELES, CAL., 932 Wilson Street

BOSTON, MASS., National-Boston Lead Co., 800 Albany Street
PHILADELPHIA, PA., John T. Lewis & Bros. Co., Widener Building
PITTSBURGH, PA., National Lead & Oil Co. of Pennsylvania, 316 Fourth Avenue

All-Purpose Soft Paste White-Lead

A quick-mixing white-lead which is equally suitable for inside, as well as outside use. This improved lead-in-oil not only gives a fine gloss finish but flats perfectly without a trace of shiner or flash. At the same time it brings the advantages of quick-mixing.

It is a modern product in every sense of the word—convenient, adaptable, economical. Yet it retains that durability for which white-lead has long been famous. Comes in 12½, 25 and 50-lb. pails, 100-lb. steel kegs.



THE DUTCH BOY TRADE-MARK
Look for this trade-mark on paint products. It is a guarantee of excellence and reliability.

Lead Mixing Oil

Makes, with white-lead, a flat paint that seals, protects and beautifies all porous surfaces, whether plaster, wall-board, concrete, stucco, brick or stone, inside or outside. Gives a flat finish of unsurpassed durability and washability. Comes in 1 and 5-gal. containers.



Pure Linseed Oil

Raw, Boiled, "Standoil Type"

Only the finest of selected oil goes in every can of Dutch Boy linseed oil. And, as a safeguard of this excellence, the container is sealed at the factory. The unbroken seal is proof to the user that he is getting the best linseed oil that can be bought—clear, carefully filtered, well-settled. Comes in 1-gal. cans and 5-gal. drums.

Raw. Boiled. "Standoil type"—a pure linseed oil specially treated to produce a bodied oil.



Liquid Drier

Dutch Boy drier is an unusually strong drier of proved composition—properly balanced to bring about efficient drying of the paint—always uniform in strength. Half-pint, pint, quart and gallon cans.

Wall Primer

Dutch Boy wall primer seals and stops suction on all types of interior surfaces—plaster, wall board, insulating board, brick, concrete. Possesses exceptional hiding power and gives the proper foundation for finishing paint coats. Quart and gallon cans, 5-gal. kits, 30-gal. barrels.



Colors in Oil

Dutch Boy colors in oil can be depended upon for strength and purity of color tone. They are of proper consistency to mix easily into paint without thinning. Half-pints, quarts and gallons; also tubes.



Red-Lead for Metal

Red-Lead-in-Oil—Dutch Boy red-lead is highly oxidized pure red-lead ground in pure linseed oil. Its exceptionally high PbO content and the fineness of its pigment particles insure excellent keeping and brushing qualities, good coverage and extreme durability.

Liquid Red-Lead—Dutch Boy liquid red-lead No. 1 is a pure red-lead paint, mixed on the basis of 33 lbs. dry red-lead to a gallon of vehicle. Experience has shown that it gives maximum durability and service under extreme exposure. Dutch Boy liquid red-lead is also available in black and two shades of brown.

Pure Red-Lead Paint Nos. 16 and 25—Both are 100% pure red-lead paints, the latter mixed on the basis of 25 lbs. of dry red-lead to a gallon of vehicle, the former, a lighter weight paint, on a 16 lbs. basis. The heavier paint is recommended for all classes of work and the No. 16 is excellent for protecting less costly metal structures.

Quick Drying Red-Lead Primer—This paint contains no pigment other than pure red-lead, but through the use of synthetic resins in the vehicle drying time has been reduced to from 4 to 6 hours. Excellent for all work where red-lead protection is vital and allowable drying time is short. Produces a tough, durable, flexible and exceptionally smooth coating.

