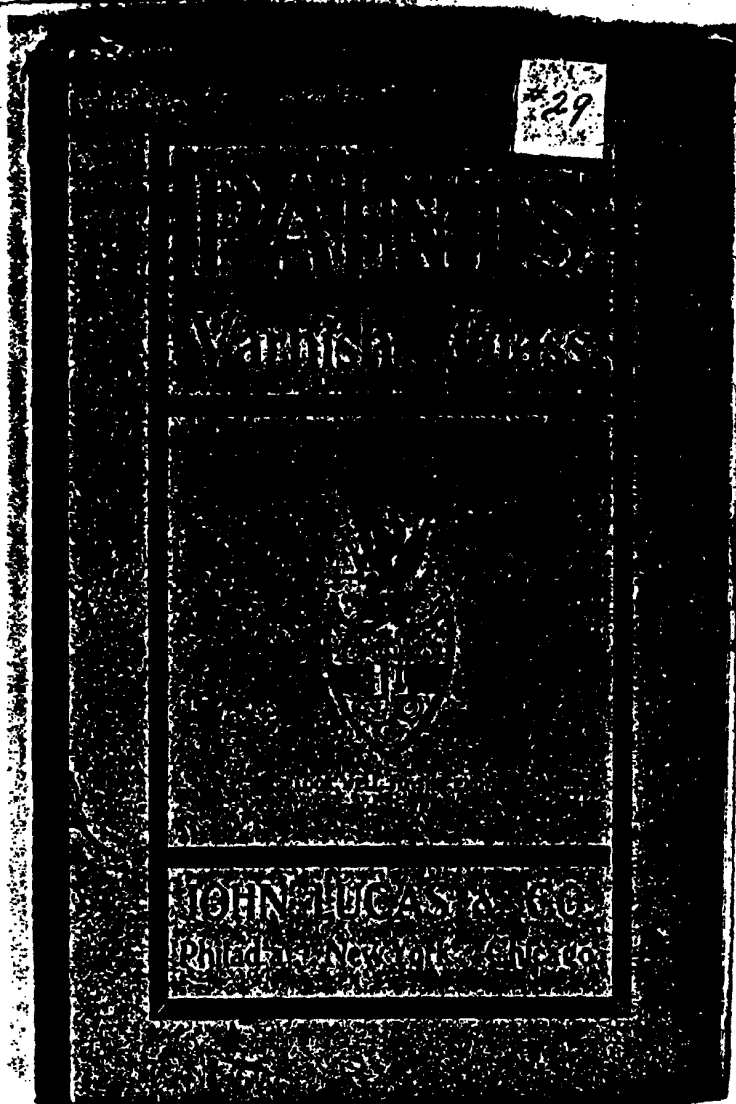




0007-SWP-042416

N23065

New For 1904

Silica Liquid Wood Filler

In 1-Gallon Cans,
Put up in all sizes.

\$ 1.50

A good, low-priced article. Is specially recommended as filler, coater or surface for soft woods—maple, pine, poplar, bass wood, etc. Works free and makes an excellent surface for varnish finish.

Stains For Floors

In 1-Gallon Cans.

1.50

Stains for floors are always in demand. Both our Vermilion and Oil stains are specially prepared for staining soft wood to exact imitations of costly hard woods. They are both easy to use, the Vermilion stain gives with a very good glossy finish, the Oil stain gives with a fine, smooth finish. Both stains are of great durability and are required, give one or two coats of Linseed Oil for a fine finish, a wonder for wear.

Barrel Paints

For other shades see page 22

Per pound, in 6 lbs. only.

07

To this line we have added a new color under the name of Bright Vermilion, the base of which is our celebrated Chrome.

No. 4294 Vermilion Primer

In 1/2 and 25 lb. Tins, per lb.

11

Send for sample cards.

For brush work, also for dipping, being a bright, rich Vermilion color, it is an excellent primer for all high grade vermilions and materially increases the brilliancy of the vermillion finish. It is recommended to manufacturers of farm implements, wagons, etc.

Wood Crack Filler

In 1 to 5-lb. Cans, per lb.

25

A specialty for filling cracks and crevices in old and new wood, etc., etc. Bright gray, tough, elastic and covering capacity. It makes an excellent undercoat for high grade vermilions and materially increases the brilliancy of the vermillion finish. It is recommended to manufacturers of farm implements, wagons, etc.

Long Prices Subject to Discount.

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LUCAS WHITES.

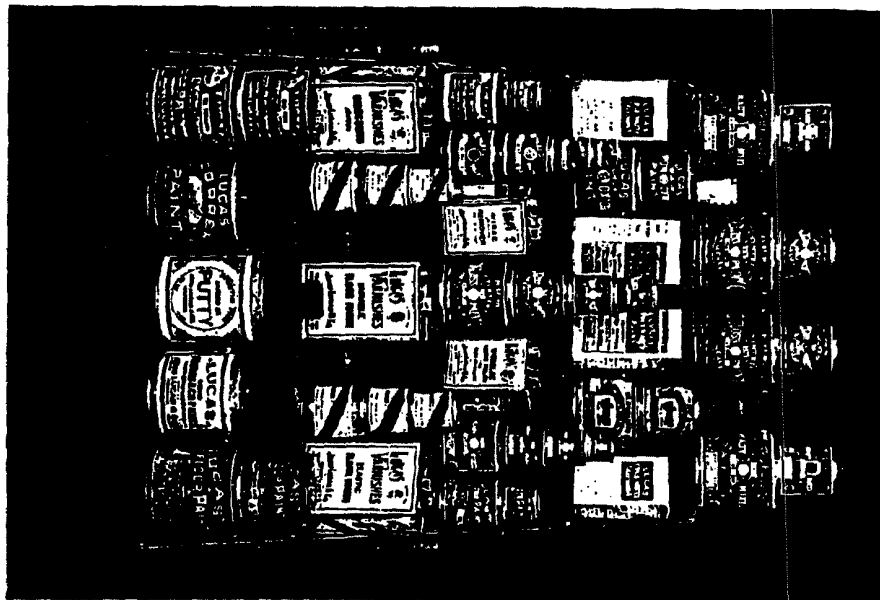
Painters who believe in and must have a perfectly pure white lead, can rely absolutely on this brand. It has wonderful covering qualities, is ground exceedingly fine. Very much whiter than ordinary white lead. For color, texture and body it has no superior at any price. It is simply an absolutely pure white lead. We forfeit \$1000 if it is otherwise.

This particular combination has been tested practically by an old painter. It covers better than either lead or zinc alone. It is very white. Also, great durability. Will neither peel nor crack. Has all the virtues and none of the faults of lead or zinc. It stands exposure to the weather remarkably well. It is an elegant base for mixing high-grade tints. Is not at all high priced.

This zinc is ground in pure liased oil and is highly recommended to painters for mixing with white lead and colors for making combination tints. A good white, and exactly what we label it.

We have given this distinctive name to this brand of white because it is similar to that which we have furnished the U. S. Government for use on its ships of war. It has had the most severe tests on land and sea. On land at the yards of the Government expert chemists and on various Government buildings. At sea it has stood the test of wind and weather, and the disintegrating effect of the salt sea waves. We guarantee quality. The price is right.

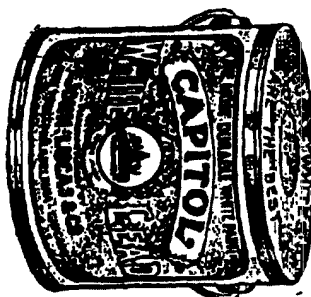
A tip top combination white; neither light or greasy and does not settle hard. Breaks up easily, works free, will stand brushing and covers quite as well as pure flint-carbonate of lead. Specially recommended for refined and specially work, and as base for colors and tints.



BETTER VALUE CANNOT BE MADE
"Kassica Flum."—Look well to the end—Is our motto. When we make a customer, we expect to please him, to please his trade and to hold his friendship and good-will forever. Because his trade and products are profit makers and business builders. Write today to Department M, Philadelphia, New York or Chicago. Tick this up on your desk.

0007-SWP-042418

LUCAS WHITES.



The survival of the fittest argument is not new. It is the only white lead (hydro-carbonate) for exterior work in the world. It is the only white lead of the trade, as the country has been repeatedly proven. It will not do and is not to be used by it. Leave your paint dealer, and don't quit. For a "pure" lead, "pure" is a relative term when used in connection with the white lead. It is a white lead.

More.—One pound of Capitol white lead will take 5 gallons of linseed oil and 1 quart of Gibb's Japan to make for use. This will give 54 gallons of paint weighing 15 pounds to the gallon. One gallon of this will cover 35 square feet two coats.

that mean well, really white, free of the "pure" part of it, but a "pure" lead, all the requirements, it has had plenty of equal parts of this coat. It will not only chalk nor peel off, it is new, however, any climate and in white and more durable and more than a "pure" lead.



both on land and sea, standing equally well, and with salt water. We welcome leads as to its leading qualities. New in price.



The greatest advantage the painter derives from the use of zinc is the fact that it is, unlike white lead, non-toxic. For this reason and also on account of its remarkable whiteness, which does not turn yellow with age, it is to be greatly

preferred for the better work. It makes the very best white possible for outside use, or painting of old buildings. We give in pure of the old brand of white. Superior French Zinc, red and green sea.

Lucas Colored Paints in Oil.

Prices given are for 25 lb. Tins up to 100 lb. Packages: 100 lb. Tins, 100 lb. per lb. advance.

	Per lb.
Brown, Manhattan Metallic	\$ 7 1/2
" New Jersey "	8 1/2
" New Jersey Spanish	8 1/2
Red, Manhattan Venetian	7 1/2
" New Jersey "	8 1/2
Red Oxide, New Jersey Bright	9
Red Lead, Gibb's	16 1/2
" C. P. "	18
Green, Manhattan French	7 1/2
" New Jersey "	8 1/2
" J.L.C.O. "	13
" Manhattan Oxford	7 1/2
" C. P. English "	13
" Manhattan White	9
" Gray	9
Green Grass, Marine	17 1/2
" New Jersey	12 1/2
State Paint, New Jersey	9 1/2
" Gibb's	11 1/2
Blue Point, New Jersey	12
Black Point, New Jersey	9
" Gibb's	12
Black, Marine	14

Manhattan and New Jersey brands of Colored Paints are particularly recommended for painting of fine costing wooden buildings and for structural iron work.

Long Prices Subject to Discount.

0007-SWP-042419

0007-SWP-000125782

JOHN LUCAS,
WILLIAM H. LUCAS

JOHN LUCAS & CO.

GIBSBORO PAINT AND COLOR WORKS,

MANUFACTURERS AND IMPORTERS OF

White Lead, White Zinc, Colors, Varnishes and Window Glass

411 AND 15 NORTH FOURTH STREET, PHILADELPHIA

Dear Sir,

We hand you To Day's Net Cash Prices subject

to the fluctuations of the Market without notice and shall be glad to receive your orders which will be filled at lowest Market Rates and have the prompt attention of

Oct 28/67

Yours Respectfully,

John Lucas & Co.

White Leads, in Oil.

J. L. & Co's Pure, per lb. 11 1/2
Capitol, do. 12 1/2
Columbia, do. 10 1/2
Delaware River, do. 11 1/2
Diamond, do. 11 1/2
Penn., do. 11 1/2
Aretic, do. 11 1/2

White Zincs, in Oil.

French Snow White, per lb. 10 1/2
do. do. 10 1/2
Gibbsboro Snow White, per lb. 10 1/2
Jersey Snow White, do. 10 1/2
America, do. 10 1/2
Penn., do. 10 1/2
Aretic, do. 10 1/2
Finest Porcelain Finish in Varnish, do. 10 1/2
China Gloss, do. 10 1/2

Colored Paints, in Oil.

Lilac Paint, per lb. 5 1/2
French Yellow Ochre, do. 4 1/2
Gibbsboro, do. 4 1/2
Black Paint, do. 4 1/2
English Vaseline Red, do. 4 1/2
French Brown Zinc, do. 4 1/2
Chocolate Proof Paint, do. 4 1/2
Black, do. 4 1/2
Spanish, do. 4 1/2

White Lead, Dry.

J. L. & Co's Pure, per lb. 7 1/2
No. 1, do. 7 1/2

White Zincs, Dry.

J. L. & Co's L. L., per lb. 5 1/4
do. do. 5 1/4

Greens, Dry.

Imperial French, L. & M. Shades, per lb. 11 1/2
Gibbsboro Pure Chrome, L. M. & D. Shades, do. 11 1/2
Philadelphia, No. 1, do. do. 11 1/2
Washington, do. M. Shades, do. 11 1/2
Pure Double Drop do. do. 11 1/2
Deep Brunswick, in 100 lb. Kegs and Bbls. only, do. 11 1/2
E. F. F. Paris, in 25 lb. Cans only, do. 11 1/2
S. F. do. do. 11 1/2
F. do. do. 11 1/2

Greens, in Oil.

Imperial French, L. and M. Shades, per lb. 11 1/2
Gibbsboro Pure Chrome, L. and M. Shades, do. 11 1/2
Philadelphia, No. 1, do. M. Shade, do. 11 1/2
Washington, do. M. Shade, do. 11 1/2
E. F. F. Paris, do. M. Shade, do. 11 1/2
S. F. do. do. 11 1/2
F. do. do. 11 1/2
Gibbsboro Verdigris, do. 11 1/2
No. 1, do. 11 1/2
Columbia Green, in 25 and 50 lb. Cans only, do. 11 1/2

Chrome Yellows, Dry.

Gibbsboro Pure, L. M. and O. Shades, per lb. 12 1/2
Philadelphia, No. 1, do. do. 12 1/2
Delaware, do. M. do. 12 1/2
Strictly Pure, N. in Bbls. only, do. 12 1/2
do. Primrose, do. 12 1/2
Gibbsboro, D. D. Orange, do. 12 1/2
Imperial Yellow, do. 12 1/2
Chrome Yellows, in Oil, do. 12 1/2
Gibbsboro Pure, M. Shade, per lb. 12 1/2
Philadelphia, No. 1, do. do. 12 1/2
Delaware, do. do. 12 1/2

Blues, Dry.

Washington, per lb. 4 1/2
Gibbsboro, do. 4 1/2
Pure Prussian, do. 4 1/2
No. 1, do. 4 1/2
A. Ultramarine, in 25 lb. Boxes, do. 4 1/2
B. do. do. 4 1/2
A. Celestial, do. 4 1/2
do. in 100 lb. Kegs, do. 4 1/2
do. in 500 lb. Bbls., do. 4 1/2

Blues, in Oil.

Pure Prussian, 1/4 to 2 lb. Cans, 25 lb. Cases, per lb. 2 1/2
No. 1, do. do. 2 1/2
Celestial, 1 to 5 lb. Cans, 75 lb. Cases, do. 2 1/2

Sundries, in Oil.

Gibbsboro Drop Black, per lb. 12 1/2
Raw Sienna, do. 12 1/2
Burnt do. do. 12 1/2
Raw Umber, do. 12 1/2
Burnt do. do. 12 1/2
Delaware Raw Sienna, do. 12 1/2
Burnt do. do. 12 1/2

For less quantity than a case add 2 Cts. per lb.
For all 1 lb. Cans, add 2 Cts. per lb.
In Kegs 25 to 100 lb. 10 Cts. per lb.
In 25 lb. Cans, containing Case allowed 1 to 2 lb.
Same rule applies as with Greens in Oil.
Same rule applies as with Blues in Oil.
Pulp Blues made to order.
For all 1 lb. Cans, add 2 Cts. per lb.
For all 2 lb. Cans, add 2 Cts. per lb.
5 1/4

Oct 28/67

0007-SWP-042420

*List of prices to Painters, Coach Builders,
Chain makers & consumers generally.*

RECEIPT TO THIS

Office & Depot of the New Jersey Zinc Paint & Color Works,

Copy given to Mr. H. B. Smith

GIBBSBORO, CAMDEN Co., N. J.

JOHN LUCAS & CO., Proprietors.

Philadelphia, 130 Arch St.

Jan 18 1897

IMPORTERS AND WHOLESALE AGENTS FOR

The Derbyshire Terra Alba Company, England,
The Yorkshire Mining Company's Barytes, England,
Cox, Brothers & Company's Pure White Lead, England,
French White and Colored Zinc Paints.

YAC 2701257 AMOSHO

GENTLEMEN:

As IMPORTERS AND MANUFACTURERS, we can offer superior advantages to the Trade.
All articles branded "JOHN LUCAS & CO." and "GIBBSBORO COLOR WORKS" are what they are represented.
We are, however, prepared to grind any Paints to order, and at prices to suit under Special Contracts. Our
ZINC GREEN, you will find very superior in tone of color and body to the best Chrome Greens; we have now
facilities for manufacturing it in large quantities, it is fast taking the precedence of all others.
We refer you to the following List of Prices.

ARTICLES.	PACKAGES.	WEIGHTS.	PRICE.	REMARKS.
WHITE LEAD.			<i>all with</i>	
J. L. & Co's pure dry, in oil,	Kegs and Bbls.	100 to 1000 lbs.	8 1/2	White Lead packages over 500 lbs. 1/2 cent per lb. lead, and charge for package.
Eagle Premium Lead, in oil,	"	12 1/2 to 1000 lbs.	8 1/2	12 1/2 lb. kegs 1/2 cent per lb.
Columbia Pure Lead, in oil,	"	"	8 1/2	
Diamond White Lead, in oil,	"	"	8 1/2	
Pearl White Lead, in oil,	"	"	8 1/2	
Pure English White Lead, in oil,	"	"	8 1/2	
ZINC WHITE.				
French Snow White Zinc, in oil,	"	"	8 1/2	
French White, warranted pure,	"	"	8 1/2	
French Zinc Driers,	Cases 1 to 6 lb. Cans.	60 lbs.	10	
Gibbsboro' White Oxide, dry,	Casks.	400 to 500 lbs.	8	
Jersey Works' Oxide, dry,	"	"	8	
Gibbsboro' Snow White, pure, equal to French,	Kegs and Bbls.	12 1/2 to 1000 lbs.	8 1/2	
Jersey Works' Snow White, in oil,	"	"	8 1/2	
American No. 1 Oxide, in oil,	"	"	8 1/2	
Penna. No. 1 Snow White, in oil,	"	"	8 1/2	
China Gloss Paint,	Cases 5 to 10 lb. Cans.	80 lbs.	15	
Finest Porcelain Finish,	"	"	20	

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0007-SWP-000125784

Paint Firm Makes Tung Oil Substitute

By SEWARD E. SHELDON, The Press Financial Editor

Another answer to the problem of making American industry more self-contained has been developed by the Sherwin-Williams Co., it was learned today.

It is a product called "dehydrol," perfected in the Chicago and Cleveland laboratories of Sherwin-Williams as a substitute for tung oil and now being manufactured in the company's Cleveland plant.

Caught flat-footed in 1915, along with users of dyes, chemicals, medicinals and fertilizers obtained only from Germany, the paint industry has come a long way in making itself independent of foreign supply and inventive genius.

The present blockade of Germany finds American industry undisturbed and the paint industry, one of the hardest hit in 1918, perhaps least disturbed of all.

But on the other side of the world a disturbance started by Japan back in 1931 has caused the paint industry considerable embarrassment and financial loss.

Tung oil, product of China and for years past the principal medium for making lacquers, enamels and varnishes, has doubled in price and is difficult to obtain since the Japanese "incident" in China.

Sherwin-Williams chemists found the answer in the lowly castor bean from whose oil the new product "dehydrol" is made. By their process castor oil, one of the most "non-drying" of the vegetable oils, is converted to one of the best and fastest drying oils.

Colorless, Odorless

Dehydrol is colorless and odorless, qualities not possessed by tung oil, and severe tests have proven it to be superior to tung oil in lasting qualities, say Sherwin-Williams chemists.

Canning companies have found the new product superior to any previously developed for use as a sanitary lacquer in the lining of cans and will use it exclusively for cans made for the canning of foodstuffs, according to A. W. Studel, 47-year-old vice president and general manager of Sherwin-Williams.

One unit for manufacture of dehydrol, costing about \$200,000, has been completed in Cleveland and is now in operation under the direction of H. J. Hain.

Will Add Other Units

Other units will be added to provide capacity for the company's large output of oils and varnishes using this kind of oil as a medium.

The company is also considering the advisability of going into the manufacture of castor oil to make

itself self-contained in the manufacture of dehydrol from the harvesting of the castor bean to the finishing of the product, according to Mr. Studel.

Development of the new dehydrol manufacturing process is only one of several steps now under way to make the company more independent and self-contained.

"Our policy has always been to safeguard our products by producing as many as possible of the raw materials we use," said Mr. Studel.

New Titanium Plant

"Mr. Sherwin started years ago making his own linseed oil here at Cleveland. Later we acquired our own lead and zinc mines in New Mexico and added ore smelters at Coffeyville, Kas., which now form the basis of our large pigment business.

"The addition of our large new titanium plant at Gloucester, N. J., which will soon go into operation, will be another step in making us more self-contained."

Titanium is a new white pigment developed by Sherwin-Williams chemists to replace white lead, particularly in white paints for exterior use. It is made from an ore called ilmenite, a coal black mineral which is converted into the purest white in the titanium plant at Gloucester, N. J.

Claims Advantages Over Lead

Found in huge deposits in the United States, the best ilmenite ore, however, comes from India. Ilmenite from India is apparently the result of sub-sea volcanic eruptions. Washed up on the shores, it has the character and texture of sand, whereas ilmenite ore in this country is flinty and has the appearance of coal when mined.

Advantages claimed over lead are that titanium is non-poisonous and has three times the covering power. These more than offset the higher cost, about double that of lead, according to Mr. Studel. It can be used in all oils used for compounding paints.

The Gloucester plant was started two years ago and will cost several million dollars when completed. The first unit, 400 feet long, operates as a continuous process in which 95 per cent of chemicals used in the manufacture of titanium are recovered and returned to the plant for re-use.

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