

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

MANUFACTURERS' GOODS

CONFIDENTIAL PRICE-LIST

SPECIAL PRICES TO CONSUMERS OF MANUFACTURERS' GOODS.

These prices are not intended for Dealers, and must not be offered to that class of trade.

The prices which may be inserted in ink will apply only to the heaviest buyers and in the largest sized package in which the goods are ordinarily put up.

The printed prices specified (except colors in Japan) are intended for medium-large consumers, and an advance over these prices of at least 10 per cent. should always be made on sales to small buyers.

The consumers' prices (except colors in Japan) are always net, and not subject to discount.

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

0007-SWP-036073

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DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

RED SEAL COACH, CAR AND AUTOMOBILE COLORS

(Quick Drying)

Our colors are noted for their purity of tone, brilliancy of shade, and permanency of color. They are ground to the utmost degree of fineness, and work and cover perfectly. Absolute uniformity in color, quality, etc., is assured at all times. We are in position always to control this inasmuch as all of the raw materials, dry colors, toners and grinding Japans are our own products and represent standards of quality.

COLORS		Price per lb.	
Blacks	J. W. N. M. S. S. S.		
Ivory Drop AAA	121	55	
Ivory Drop AA	122	45	
Ivory Drop A	123	35	
English Coach A	124	30	
Special Black	125	30	
Solid Black	126	30	
Special Lamp Black	127	22	
Reds			
American Vermillion L	128	45	
American Vermillion D	129	45	
Bavarian Red	130	30	
Cherokee Red L	131	1 05	
Cherokee Red D	132	1 05	
Claret Red	133	1 05	
Coach Painters Red	134	1 05	
Columbia Red	135	50	
Detroit Red M	136	1 05	
Detroit Red D	137	1 05	
Detroit Red L	138	1 15	
Dragon Red	139	65	
English Vermillion L	140	1 50	
English Vermillion D	141	1 50	
English Rose Pink	142	65	
Emperor Red	143	25	
Empress Scarlet	144	1 05	
French Carmine L (Glaze)	145	4 50	
Indian Red	146	25	
Madrid Carmine (Glaze)	147	3 00	
Motor Red L	148	30	
Motor Red D	149	30	
No. 40 French Carmine (Glaze)	150	7 00	
Roadster Red	151	65	
Runabout Red	152	35	
Special Carmine (Glaze)	153	2 25	
Special Red L	154	50	
Special Red D	155	50	
Striping Red (Solid)	156	2 10	
Striping Red L	157	1 05	

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

	S.W. NUMBERS	Price per lb.
Standard Red L	4360	65
Standard Red D	4356	65
Tonneseu Red (Glaze)	4349	1 05
Torpedo Red	4382	65
Turkey Red	175	45
Tuscan Red	125	42
Venetian Red	126	20
Wines		
Body Maroon	250	55
Metropolitan Wine	248	44
Lakes		
Carriage (Glaze)	166	65
Carmine AAA (Glaze)	126	2 00
Chattimuc (Glaze)	121	1 00
Green (Glaze)	4090	2 50
Maroon (Glaze)	174	1 00
Munich AAA (Glaze)	158	4 50
Purple (Glaze)	8550	1 50
Yellow AAA (Glaze)	176	2 50
Whites		
Ivory White	4288	50
Flake White	162	50
French Zinc in Varnish	24	45
Hearse White	258	45
French Zinc	4367	45
Silver	123	40
White Lead	4602	25
Grays		
Auto Gray L	9241	50
Auto Gray D	8358	50
Auto Gray M	1308	50
Battleship Gray	8911	50
Dark Slate	1918	50
French Gray L	8359	50
French Gray D	8919	50
Special Gray	8510	50
Blues		
Auto Body Blue L	4391	80
Auto Body Blue D	4119	80
Automobile Blue	1414	75
Azure Blue	241	55
Brilliant Blue	4532	1 00
Cobalt (Glaze)	244	1 00
Chinese Blue	127	90
Danish Blue	1263	90
Detroit Blue	1731	80
Empire Blue	4172	80
Empress Blue	4391	90
French Blue	28784	90
Majestic Purple	8550	1 50
Motor Blue	4379	90
Princess Blue	4344	75
Prussian Blue	147	90
Russian Body Blue L	1206	1 00
Russian Body Blue M	1412	1 00
Russian Body Blue D	1123	1 00

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

S. N. NUMBERS

Price per lb.

Torpedo Blue L	4222	80
Torpedo Blue D	2146	90
Ultramarine Blue (Glase)	148	70
Yale L	4856	60
Yale D	8009	60

Browns

Burnt Sienna	129	38
Burnt Umber	130	36
Golden Brown	8456	65
Golden Tan	4817	45
Limousine Brown	158	55
London Cab Brown	4380	65
London Smoke	131	45
Ohio Brown	128	40
Panel Brown	4100	45
Pullman Brown L	1290	45
Pullman Brown D	8456	45
Raw Sienna	128	38
Raw Umber	130	36
Titian Brown	129	40
Vandyke Brown	132	38
Victoria Brown L	4379	65
Victoria Brown D	4381	65

Greens

Auto Body Green M	4476	55
Auto Phaeton Green M	3834	55
Body Royal Green L	4623	45
Body Royal Green D	4624	45
Brewster Green L	4620	55
Brewster Green M	8305	55
Brewster Green D	4622	55
Bronze Green	257	55
Coach Green L	134L	45
Coach Green M	134M	45
Coach Green D	134H	45
Empress Green	4616	40
English Brewster Green	8119	55
Florida Green D	4712	55
Majestic Green L	4753	45
Majestic Green D	8267	45
Motor Car Green L	4704	55
Motor Car Green D	4710	55
Milori Green L	135L	80
Milori Green M	135M	80
Milori Green D	135H	80
Napier Green	8389	65
Olive Green L	4670	55
Olive Green M	4581	55
Peerless Green L	5541	55
Phoenix Green L	4735	55
Phoenix Green D	4525	55
Reed Green M	4387	55
Russian Green	115	55
Special Green	4434	40
Taxi Green L	4620	55
Taxi Green D	4622	55
Wabash Green	4625	55

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

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DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

S. W. NUMBERS

Price per lb.

Willow Green L	4383	55
Willow Green M	4384	55

Yellows

Brilliant Yellow D	4267	55
Brimstone Yellow L	4337	55
Brimstone Yellow M	4338	55
Canary Yellow	4262	55
Chamois Yellow	4567	55
Chassis Yellow	4567	45
Chrome Yellow L	138L	55
Chrome Yellow M	138M	55
Chrome Yellow O	138O	55
Chrome Yellow DO	138DO	55
Dutch Pink (Glaze)	129	55
French (Glaze)	139	55
Gear Cream	2784	45
Gold Color	177	55
Golden Ochre	12	34
Motor Yellow L	38L	55
Motor Yellow M	138M	55
Motor Yellow D	138D	55
Naples Yellow	142	1 00
Perfect Yellow	4263	55
Primrose Yellow	8289	45
Straw Color	4158	40
Yellow Ochre	1343	39

Standard Express and Mail Colors

Adams Express Std. Green	4710	45
Adams Express Std. Vermillion	4338	55
American Express Std. Blue	444	75
American Express Std. Vermillion	4336	45
Armour & Co. Std. Yellow	4470	55
Pacific Express Std. Vermillion	4336	55
Pacific Express Std. Yellow	4336	55
Southern Express Std. Green	4710	45
Southern Express Std. Vermillion	4336	55
Swift & Co. Std. Vermillion	4401	55
U. S. Express Std. Vermillion	4336	1 50
U. S. Express Std. Yellow	4336	55
U. S. Mail Blue	4788	50
U. S. Mail Red	4789	50
U. S. Mail White	4789	50
Wells-Fargo Express Std. Blue	4336	75
Wells-Fargo Express Std. Vermillion	4336	55

Grounds

Blue L		45
Blue M		45
Blue D		45
Carmine D	4013	55
Chattahoochee	4438	42
Charokey Red D	4438	42
Giant Red Ground L	4222	50
Giant Red Ground D	4224	50
Green L	4564	42
Red Ground L	4212	44

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

0007-SWP-036081

0007-SWP-000117487

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

	Price per lb.
Red Ground D <u>4871</u>	44
Standard Red D <u>4629</u>	42
Tonneau <u>4629</u>	42
Vermillion <u>4729</u>	44
Wine <u>4721</u>	40

20% trade discount on Blacks
25% trade discount on Colors

STRIPING COLORS

These colors are of the highest quality and ground especially fine to promote a free working consistency and an even flow from the striping pencil.

	Net price per dozen tubes
No. 40 French Carmine (Glaze) (1/4 lbs. net) <u>1479</u>	15 00
French Carmine L (Glaze) (1/4 lbs. net) <u>4343</u>	9 00
* 340 Madrid Carmine (Glaze) (1/4 lbs. net) <u>4343</u>	8 50
English Vermillion, L & D <u>4554</u>	25
Striping Red Solid <u>4554</u>	2 75
Striping Red L <u>4721</u>	2 25
Cherokee Red, L & D <u>4721</u> = <u>4721</u>	2 25
Coach Painters Red <u>4721</u>	2 25
Motor Red, L & D <u>4721</u> = <u>4721</u>	2 25
Tonneau Red (Glaze) <u>4343</u>	2 25
Standard Red, L & D <u>4343</u> = <u>4343</u>	1 50
Empress Scarlet <u>1325</u>	2 25
Naples Yellow <u>140</u>	2 00
Chrome Yellow, L M O & D O <u>138</u>	1 70
Perfect Yellow <u>4721</u>	1 70
Brimstone Yellow, L & M <u>4721</u> = <u>4721</u>	1 70
Gold Color <u>173</u>	1 50
Striping Black <u>173</u>	1 50
Green Lake (Glaze) <u>4092</u>	2 00
Milleri Green, L M & D <u>1354</u> = <u>1354</u>	2 70
Coach Green, L M & D <u>1354</u> = <u>1354</u>	1 50
Willow Green, L & M <u>4343</u> = <u>4343</u>	1 50
Reed Green M <u>4343</u>	1 50
Prussian Blue <u>147</u>	2 25
Ultramarine Blue (Glaze) <u>147</u>	1 50
Empress Blue (Glaze) <u>4343</u>	1 50
Motor Blue <u>4343</u>	1 50
Azure Blue <u>221</u>	1 50
Flake White <u>147</u>	1 50
Silver White <u>147</u>	1 50
Ivory White <u>4343</u>	1 50

Except the Carmines the above colors are put up in large collapsible tubes varying in weight according to bulk of the color. Only the colors mentioned are furnished in tubes.

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

0007-SWP-036082

0007-SWP-000117488

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

AUTO AND CARRIAGE UNDERCOATINGS Body and Gear Primers

These Primers are made to dry elastic, bind firmly and to furnish a smooth non-porous surface, giving an excellent foundation on which to build up. They are put up in liquid and paste form. For thinning purposes, only pure turpentine should be used. Twenty-four hours drying time should be allowed before re-coating except under special conditions.

		Gal. cans	5 gal. cans
S # 625	Body Primer (Liquid Brushing)	1 65	1 50
	Gear Primers (Liquid Brushing)—		
6339	Gear Primer Dark	1 65	1 50
7026	Gear Primer Red	1 65	1 50
14093	Gear Primer Maroon	1 65	1 50
	Gear Primer (Liquid Dipping)		Half bbls. and bbls.
		5 gal. cans	
7503	Gear Primer Dark	1 40	1 30
7568	Gear Primer Red	1 40	1 30
7914	Gear Primer Maroon	1 40	1 30
	Chassis and Gear Primers (Paste)—		
		25-lb. pails	Kits
	Maroon	10 1/2	10
	Red	10 1/2	10
	Yellow	11 1/2	11
	Dark	10 1/2	10
	Gray	11 1/2	11

(Prices per pound, net weight)

METAL PRIMERS—(Liquid)

The foundation coat on metal necessarily requires different material from that which is used on wood and these primers for metal work, have been thoroughly proved to be practical, reliable and durable. They dry very hard, bind tenaciously, yet possess to the highest degree, the element of elasticity. In sanding properties, they are very exceptional. The drying time is twenty-four hours.

		Gal. cans	5-gal. cans
Gray	SN 14276	2 15	2 00
Red	" 14277	2 15	2 00
Black	" 14278	2 15	2 00

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

PUTTY OR KNIFING PLASTER PASTE

This is a hard drying, non-shrinking and elastic Lead Putty for use on fibre bodies and woodwork after the priming coat. Used to point up seams, cracks or open joints. It remedies all breaks and defects and does not soften or swell under subsequent coats.

(Prices per pound, net weight)

Red	<i>SW 4619</i>	1's & 5's
Dark	<i>4619</i>	20
Yellow	<i>4619</i>	20
		30

BODY AND GEAR FILLERS

The filler is the intermediate between the long oil Primer and the quick drying Rough Stuff, or coats which follow. It serves to relieve the effect of expansion and contraction from change in temperature and helps to eliminate cracking and checking. Put up in liquid form ready for use and in paste form to be thinned with turpentine. Should be applied with a soft hair brush. Allow 24 hours drying time before sanding.

Body Filler (Paste)	<i>Net 1441</i>	25 lb. pails	½ bbls.
Dark		10½	10
Gear Fillers (Liquid Brushing)		Gal. cans.	5 gals.
Gear Filler, Black	<i>SW 2449</i>	1 65	1 50
Gear Filler, Red	<i>2449</i>	1 65	1 50
Gear Filler, Maroon	<i>2449</i>	1 65	1 50
Gear Fillers (Paste)		25 lb. pails	Kits
Black	<i>SW 1442</i>	10½	10
Red, light and dark	<i>1442</i>	10½	10
Bright Red	<i>SW 4441</i>	11½	11
Yellow	<i>4441</i>	11½	11
Cream	<i>4441</i>	11½	11
Maroon	<i>4441</i>	10½	10
Rich Maroon	<i>4441</i>	11½	11
Gray	<i>4441</i>	11½	11
Blue	<i>4441</i>	15	14½

(Prices per pound, net weight)

Sanding Fillers for Gears (Paste)

Red	<i>SW 1442</i>	25 lb. pails	Kits
Dark	<i>1442</i>	11	10½
		10½	10

(Prices per pound, net weight)

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

ROUGH STUFF—(Paste)

Rough Stuff is used for the specific purpose of producing on bodies a solid foundation for the color and a smooth surface without which the finishing coats cannot be developed to the degree of excellence desired. Our rough stuff works easily and smoothly without ridging or roping, and shows a solid non-porous surface. It will not crack or peel, chip or grain out. It holds up subsequent coats preventing their sinking away or perishing, yet it works down to a surface under the rub stone with the minimum labor. Each coat dries and hardens uniformly from first to last.

Thin with turpentine only.

May be recoated every 24 hours.

	25 lb. pkg.	Kits	1/2 bbls.
Jet 1691 Rough Stuff, Dark.....	10%	10	8 1/2
Sw 1731 Rough Stuff, Yellow.....	13 1/2	13 1/2	13 1/2
" 1734 Rough Stuff, White.....	14	15	14
" 1771 First Coat, Dark.....	10%	10 1/2	8 1/2
" 1772 First Coat, Red.....	10%	10 1/2	8 1/2

ROGERS FREE FLOWING COLOR VARNISH

(Elastic Drying)

The use of color varnish is now very general as in bringing the work up to the finish it forms a more elastic and suitable unit than flat drying color. The least pigment and color that can be used, and yet secure good covering qualities makes the best color varnish, because the free working and leveling of the varnish is impeded to the least degree. Our color varnishes are made with light gravity colors, they work out uniformly and will not settle hard in the cans. They dry to moss in eighteen hours, or to rub out with pumice stone and water in forty-eight hours. Put up in one gallon varnish cans.

	TRADE NUMBERS	Price per gal.
Vermilion	7085	3 75
Rose Lake	7521	3 25
Scarlet Carmine	7414	3 00
Federal Red Lt	7221	2 50
Federal Red Dk	7222	2 50
Detroit Red Lt	7083	2 50
Detroit Red Dk	6755	2 50

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

Rialto Red Lt.	14260	2 00
Rialto Red Dk.	7851	2 00
Carmine Maroon	7846	2 60
Auto Gray	7851	2 60
Dark Gray	7847	2 60
French Gray Dk.	7853	2 60
Battleship Gray	7853	2 60
Dark Slate	7844	2 60
Cream Color	7844	2 60
Virginia Cream	7841	2 60
Deep Blue	7848	2 60
French Blue	7852	2 60
Richelieu Blue	7852	2 60
Auto Yellow	7830	2 60
English Brewster Green	7839	2 10
Acacia Green	7801	2 10
Peerless Green Lt.	6746	1 85
Brewster Green Lt.	7803	1 85
Brewster Green Dk.	6760	1 85
Green Lt.	7803	1 85
Green, Dk.	6760	1 85
Ivory Black Rubbing	7848	2 50
Black Rubbing	7848	2 00
LONDON SMOKE	7848	

DETROIT COLOR VARNISHES

There is a demand for some classes of work for a moderate priced color varnish which will give satisfaction in opacity, uniformity and working qualities. We have decided to add this line and can particularly recommend it for gear and running parts of buggies, etc. Do not confuse this with the Rogers line, for high grade carriage and automobile work.

Can be mossed over night and water rubbed in 48 hours.

Put up in one gallon varnish cans.

	Price per gal.
Light Green	1 85
Dark Green	1 85
Light Red	1 80
Dark Red	2 15
Black	1 85
Dark Blue	1 85

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

ROGERS AUTOMOBILE AND CARRIAGE VARNISHES

Our line of clear finishing goods embraces the highest grades of rubbing and finishing varnishes for gear and body work. Our importations of gums cover the most select hand picked stock from the best grades coming to this country. Our varnish makers are men of long experience. We have enormous tankage capacity for ageing our goods and they are perfect in working and flowing properties, depth, luster and elasticity.

PALE FINISHING BODY *0.68* in gallon cans, 4.50

A very pale, rich Varnish which compares favorably with the highest grade popular varnishes on the market. It works easily and flows out perfectly over large surfaces. This varnish is recommended to manufacturers of high-grade coupes, landaus, coaches, and automobiles. In ordinary drying weather it dries, dust free, in five hours and hard in four days.

WEARING BODY *0.61* in gallon cans, 3.75

Not so pale in color as Pale Finishing Body. In working, flowing and drying properties it is the same.

MEDIUM DRYING WEARING BODY *0.92* in gallon cans, 2.50

Intended for use on medium-grade work, and is recommended to manufacturers of medium-grade buggies and surreys. It is a very durable medium color varnish which dries dust free in four hours with a brilliant lustre.

ONE-COAT CARRIAGE *0.67* in gallon cans, 2.00

A heavy body high-gloss Varnish for use on cheap bodies, gears, wagons, seat backs or any vehicle parts where an excellent, economical finish is desired. Dries hard in 36 hours.

COACH PANEL BURNING *0.74* in gallon cans, 2.25

For undercoats on the highest class of work on coach panels or automobile bodies, this makes an excellent foundation for the finishing coat. Dries to rub in three days.

BURNING BODY *0.76* in gallon cans, 2.75

Popular in price and popular for its easy-working properties. Rubs and levels perfectly. Dries to rub in two days.

CLEAR BURNING *0.95* in gallon cans, 2.25

A good body or gear rubbing for medium grades of work. Dries dust free in four hours and hard to rub in two days.

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

GEAR RUBBING...085.....in gallon cans, 2.00
Intended for undercoats on gears of medium and cheap work, or for mixing color varnish. Dries to rub in two days.

QUICK RUBBING...077.....in gallon cans, 2.00
Dries free from dust in two hours. Works easily for a quick varnish. Rubs in 48 hours.

ELASTIC GEAR...066.....in gallon cans, 3.50
A brilliant Gear Varnish for manufacturers of high-grade vehicles. Dries dust free in five hours and hard in 48 hours.

HARD-DRYING GEAR...067.....in gallon cans, 2.75
For use on medium-grade buggies and automobiles; is a thoroughly dependable varnish. A leader in the line, as it is made from hard gums and is a very tough and elastic varnish. Dries dust free in four hours and hard in two days.

GEAR FINISHING...071.....in gallon cans, 2.50
Light in color, standard in body, works easily, flows out full and even. Dries dust free in three hours and hard in 36 hours.

SHAFT VARNISH...070.....in gallon cans, 1.50
An elastic hard-drying Varnish for poles and shafts. Can also be used as an inside varnish. Dries hard in 24 hours.

IVORY BLACK RUBBING...074.....in gallon cans, 2.50
A high-grade rubbing varnish, made with hard drying varnish and ivory black. This is not a solid covering black. Dries to rub in three days.

QUICK BLACK RUBBING...073.....in gallon cans, 2.00
Has the same properties as Ivory Black, but more dense. Very elastic. Dries to rub in two days.

INSIDE BODY BLACK...071.....in gallon cans, 1.25
A carbon black finishing for the inside of buggies, autos, and coaches. Dries hard over night.

UNDER BODY BLACK RUBBING...075.....in gallon cans, 1.00
For the bottom of buggy boxes or inside of cheap buggies. Dries hard over night.

JAPAN GOLD SIZE...082.....in gallon cans, 2.50
Owing to its strength, this is the most economical Japan on the market. It is a perfect binder for all classes of material and makes an absolutely safe gilding size.

EXTRA COARSE JAPAN...082.....in gallon cans, 1.75
An excellent Japan for rough stuff or putty. Is heavy in body, and makes a perfect binder wherever used.

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

EXPRESS AND DELIVERY WAGON COLORS (Paste)

(Ground in Oil and Japan)

Ground to the extreme degree of fineness they thin out smooth and spread freely covering solid and drying flat with a degree of elasticity which makes them very serviceable.

S & Numbers

	S-lb. P.C.	25 lbs.
Light Yellow <i>1222</i>	18	18
Lemon Yellow <i>1223</i>	20	17 1/2
Medium Yellow <i>1224</i>	20	17 1/2
Pea Green Dk. <i>1217</i>	17 1/2	15 1/2
French Permanent Green Med. <i>1220</i>	18 1/2	16 1/2
French Permanent Green Dk. <i>1222</i>	18 1/2	16 1/2
Carnelian Vermillion <i>1225</i>	26 1/2	22 1/2
Orinoco Vermillion <i>1227</i>	32	30
Special Vermillion, Extra Dk. <i>1227</i>	31 1/2	28 1/2
Brilliant Blue <i>1227</i>	20	18
Brilliant Blue Dk. <i>1222</i>	22	20
Non-Fading Red Med. <i>1225</i>	23	21
Non-Fading Red Dk. <i>1224</i>	23	21
Detroit Red <i>1222</i>	25	22
Gear Primer Pink <i>1227</i>	..	15
Gear Primer Gray <i>1226</i>	..	15
Gear Primer Yellow <i>1227</i>	..	15

BULLETIN COLORS

Permanent Red is a rich color which holds its gloss much longer without flattening than similar products. It is the most permanent color for bulletin work on the market.

Detroit Red is a strong bright tone of good body and covering capacity. It is offered in competition with any red for short term work. For long exposure work call Permanent Red.

Made expressly for bulletin work and sign painters' use. These are strong bright colors possessing good body. They cover well, are uniform and thoroughly reliable.

	100's	25's	5's	1's
<i>20 2575</i> Permanent Red	35	40	42 1/2	45
<i>20 3059</i> Detroit Red	35	36	37 1/2	38
<i>219</i> Stand. Bulletin—				
Blue, L. M. & D	35	40	42 1/2	45
<i>2 22-33 184</i> Yel. L. M. & D	35	36	37 1/2	38
<i>1289-90-91</i> Green, L. M. & D	35	36	37 1/2	38

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

AGRICULTURAL IMPLEMENT PRIMERS AND COLORS

The following line of Implement Goods represent perfected materials in every detail thoroughly qualified to meet the manufacturer's needs both for brushing and for dipping. The pigments are all selected to give the best possible results as to brilliancy of color, fastness to light, durability of paint film and working qualities during application. Only those vehicles are used which have proved safe and permanent.

We draw particular attention to the line of Detroit Reds, both brush and dip, and while the goods indicated as dipping are specially made for that purpose they are also excellent for ordinary brush work, but we have a line of Brushing Reds to meet extreme conditions.

The line of Wagon Greens, No. 36, No. 37 and No. 38, is specially recommended for all A. I. P. Green work, and should be sold in preference to anything else. They are of sufficient strength for any ordinary implement paint, either brush or dip, and are of good, bright shade and exceptional durability.

Wagon Red No. 53 is now being used on more wagons probably than any other one red on the market because of the fact that it is almost absolutely permanent and not only retains its shade on exposure but also in the warehouse, so that material shipped from the warehouse that has been standing several months is just as brilliant as when first coated. We are selling this red to a great many of the largest wagon makers in the country and it should have special attention.

The other colors, Yellows, Blues, Grays and Maroons, represent paints which have been selected as the best adapted to the needs of the trade.

1251 A. I. P. PRIMERS

No. 38 Pink Primer:—Weight about 14.50 pounds per gallon. Dries in from 6 to 8 hours; for dipping, should be reduced to 12 pounds, for brushing, 14 to 16 pounds per gallon. Splendid light gravity Primer giving good results for both dip and brush work.

barrels	½ barrels	36s
6¼	6¾	7¼

No. 33 Pink Primer (Brush):—Weight 30 pounds per

1352

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

gallon. Dries in from 6 to 8 hours; for dipping, should be reduced 14 to 16 pounds to the gallon, for brushing, 16 to 18 pounds to the gallon. Primarily for brush work. Gives good results, however, for dip work also.

barrels	$\frac{1}{2}$ barrels	25s
6 $\frac{1}{2}$	6 $\frac{1}{2}$	7 $\frac{1}{4}$

1353 No. 36 Pink Primer (Brush and Dip):—Weight 19.15 pounds per gallon. Dries in from 5 to 6 hours; for dipping, should be reduced 18 to 20 pounds to the gallon, for brushing, 20 to 24 pounds per gallon. Primarily for brush work, but also gives good results for dipping purpose.

barrels	$\frac{1}{2}$ barrels	25s
5 $\frac{1}{2}$	5 $\frac{1}{2}$	6 $\frac{1}{4}$

1354 No. 35 Red Primer (Brush and Dip):—Weight 16 pounds per gallon. Dries in from 6 to 8 hours; for dipping bare wood should be reduced 8 to 10 pounds to gallon and bare iron 10 to 12 pounds; for brushing bare wood 12 to 14 pounds, and bare iron 14 to 16 pounds.

barrels	$\frac{1}{2}$ barrels	25s
6 $\frac{1}{2}$	6 $\frac{1}{2}$	7 $\frac{1}{4}$

1355 No. 39 Green Primer (Dip):—Weight 17.50 pounds per gallon. Dries in from 6 to 8 hours; for dipping, should be reduced 10 to 12 pounds on bare wood and 12 to 14 pounds on bare iron; for brushing, 14 to 16 pounds on bare wood and iron. Particularly adapted for dip work.

barrels	$\frac{1}{2}$ barrels	25s
5 $\frac{1}{2}$	6	6 $\frac{1}{4}$

1356 No. 40 Green Primer (Brush and Dip):—Weight 19 pounds per gallon. Dries in from 5 to 6 hours; for dipping, should be reduced 16 to 18 pounds per gallon; for brushing, 18 to 20 pounds per gallon. Gives brilliant green shade for both dip and brush work.

barrels	$\frac{1}{2}$ barrels	25s
6 $\frac{1}{2}$	6 $\frac{1}{2}$	6 $\frac{1}{4}$

1357 No. 31 Yellow Primer (Dip and Brush):—Weight 16 pounds per gallon. Dries in from 8 to 10 hours; for dipping, should be reduced 14 to 16 pounds to gallon; for brushing, 16 to 18 pounds per gallon. Gives splendid results for both brush and dip work.

barrels	$\frac{1}{2}$ barrels	25s
6 $\frac{1}{2}$	6 $\frac{1}{2}$	7

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

REDS

1360
No. 43 Tuscan Red:—Weight 17.20 pounds per gallon. Dries in from 6 to 10 hours; for dipping, should be reduced 12 to 14 pounds to gallon; for brushing, 14 to 16 pounds.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	8 $\frac{1}{2}$

1361
No. 45 Bright Tuscan Red:—Weight 16.25 pounds per gallon. Dries in from 6 to 8 hours; for dipping, should be reduced 14 to 16 pounds to gallon; for brushing, 16 to 18 pounds.

barrels	$\frac{1}{2}$ barrels	25s
10 $\frac{1}{2}$	10 $\frac{1}{2}$	11 $\frac{1}{2}$

1362
No. 49 Maroon:—Weight 16.50 pounds per gallon. Dries in from 6 to 8 hours; for dipping black iron, should be reduced 12 to 14 pounds; for dipping bare wood, 10 to 12 pounds to gallon; for brushing bare iron, 16 to 18 pounds, and bare wood 14 to 16 pounds. Produces an unusually attractive shade of maroon.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	8 $\frac{1}{2}$

1363
No. 51 Non-fading Red Medium:—Weight 15.40 pounds per gallon. Dries in from 6 to 8 hours; for dipping, should be reduced 14 to 16 pounds per gallon, for brushing, 16 to 18 pounds.

barrels	$\frac{1}{2}$ barrels	25s
7 $\frac{1}{2}$	7 $\frac{1}{2}$	8

1364
No. 57 Detroit Red Light (Brush):—Weight 18.50 pounds per gallon. Dries in from 6 to 8 hours; for brushing, should be reduced 16 to 18 pounds per gallon. Recommended particularly for brush work.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	9

1365
No. 58 Detroit Red Light (Dip):—Weight 15.50 pounds per gallon. Dries in from 6 to 8 hours; should be reduced 12 pounds per gallon and used for dipping purposes, primarily.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	9

1366
No. 59 Detroit Red Med. (Brush):—Weight 18.20 pounds per gallon. Dries in from 6 to 8 hours; should be reduced 16 to 18 pounds per gallon for brush wrk. A popular shade among the trade.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	9

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

1367 No. 50 Detroit Red Med. (Dip):—Weight 14.80 pounds per gallon. Dries in from 6 to 8 hours; should be reduced 12 pounds to gallon for dip work.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	9

1368 N. 55 Detroit Red Deep (Brush):—Weight 18.30 pounds per gallon. Dries in from 6 to 8 hours; should be reduced 16 to 18 pounds to gallon for brush work.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	9

1369 No. 52 Detroit Red Deep (Dip):—Weight 14 pounds per gallon. Dries in from 6 to 8 hours; should be reduced 10 to 12 pounds to gallon for dip work.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	9

1370 No. 54 Wagon Red:—Weight 23.35 pounds per gallon. Dries in from 10 to 12 hours; should be reduced 24 pounds to gallon. Splendid covering power. Particularly adapted for one-coat work.

barrels	$\frac{1}{2}$ barrels	25s
10 $\frac{1}{2}$	11	11 $\frac{1}{2}$

1371 No. 53 Wagon Red Light:—Weight 18.40 pounds per gallon. Dries in from 6 to 8 hours; for brushing, should be reduced 18 to 20 pounds per gallon. Produces light, brilliant shade; absolutely permanent and should be introduced wherever possible.

barrels	$\frac{1}{2}$ barrels	25s
10 $\frac{1}{2}$	11	11 $\frac{1}{2}$

GREENS

1381 No. 36 Wagon Green L:—Weight 18.20 pounds per gallon. Dries in from 6 to 8 hours; should be reduced as follows: For brushing bare iron, 14 to 16 pounds, and bare wood, 12 to 14 pounds. For dipping black iron, 14 pounds, bare wood, 12 pounds, primed iron, 12 pounds, primed wood, 10 to 12 pounds per gallon.

barrels	$\frac{1}{2}$ barrels	25s
7 $\frac{1}{2}$	8	8 $\frac{1}{2}$

1382 No. 37 Wagon Green M:—Weight 18.20 pounds per gallon. Dries in from 6 to 8 hours; should be reduced as follows: For brushing bare iron, 14 to 16 pounds, and bare wood, 12 to 14 pounds. For dipping black iron, 14 pounds, bare wood, 12 pounds, primed iron, 12 pounds, primed wood, 10 to 12 pounds to gallon.

barrels	$\frac{1}{2}$ barrels	25s
7 $\frac{1}{2}$	8	8 $\frac{1}{2}$

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

1383 No. 28 Wagon Green D:—Weight 18.20 pounds per gallon. Dries in from 6 to 8 hours; should be reduced as follows: For brushing bare iron, 14 to 16 pounds, and bare wood, 12 to 14 pounds. For dipping black iron, 14 pounds, bare wood, 12 pounds, primed iron, 12 pounds; primed wood, 10 to 12 pounds to gallon.

barrels	$\frac{1}{2}$ barrels	25s
7 $\frac{1}{2}$	8	8 $\frac{1}{2}$

1384 No. 25 Apple Green:—Weight 21.40 pounds per gallon. Dries in from 8 to 10 hours. Should be reduced as follows: For brushing, 16 to 18 pounds; for dipping wood, 12 to 14 pounds, and iron 14 to 16 pounds to gallon.

barrels	$\frac{1}{2}$ barrels	25s
9 $\frac{1}{2}$	10	10 $\frac{1}{2}$

1385 No. 31 Permanent Green Lt.:—Weight 18.90 pounds per gallon. Dries in from 8 to 10 hours; should be reduced as follows: For dipping, 12 to 14 pounds to gallon, and brushing, 14 to 16 pounds.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	9

1386 No. 33 Permanent Green Med.:—Weight 21 pound per gallon. Dries in from 8 to 10 hours; should be reduced as follows: For dipping, 14 to 16 pounds to gallon, and brushing, 16 to 18 pounds.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	9

1387 No. 39 Permanent Green D.:—Weight 19.35 pounds per gallon. Dries in from 6 to 8 hours; should be reduced as follows: For dipping, 12 to 14 pounds to gallon, and for brushing, 14 to 16 pounds.

barrels	$\frac{1}{2}$ barrels	25s
8	8 $\frac{1}{2}$	9

YELLOW S

1390 No. 30 Canary Yellow:—Weight 21.30 pounds per gallon. Dries in from 8 to 10 hours; should be reduced as follows: For dipping, 18 to 20 pounds, for brushing 20 to 22 pounds to gallon.

barrels	$\frac{1}{2}$ barrels	25s
7 $\frac{1}{2}$	8	8 $\frac{1}{2}$

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

1291 No. 35 Wagon Yellow:—Weight 20.20 pounds per gallon. Dries in from 8 to 10 hours; should be reduced as follows: For dipping, 18 to 20 pounds, for brushing 20 to 22 pounds per gallon.

barrels	$\frac{1}{2}$ barrels	25s
7 $\frac{1}{2}$	8	8 $\frac{1}{2}$

1291 No. 31 Light Yellow:—Weight 20.65 pounds per gallon. Dries in from 8 to 10 hours; should be reduced as follows: For dipping, 12 to 14 pound, for brushing, 14 to 16 pounds per gallon.

barrels	$\frac{1}{2}$ barrels	25s
9 $\frac{1}{2}$	10	10 $\frac{1}{2}$

1293 No. 32 Medium Yellow:—Weight 22.20 pounds per gallon. Dries in from 8 to 10 hours; should be reduced as follows: For dipping, 14 to 16 pounds, for brushing, 16 to 18 pounds per gallon.

barrels	$\frac{1}{2}$ barrels	25s
9 $\frac{1}{2}$	10	10 $\frac{1}{2}$

1294 No. 36 Orange Yellow:—Weight 21.35 pounds per gallon. Dries in from 8 to 10 hours; for brushing, should be reduced 22 pounds to gallon.

barrels	$\frac{1}{2}$ barrels	25s
10 $\frac{1}{2}$	11	11 $\frac{1}{2}$

BLUES

1297 No. 41 Light Blue:—Weight 17.35 pounds per gallon. Dries in from 6 to 8 hours; should be reduced as follows: For dipping, 14 to 16 pounds; for brushing 16 to 18 pounds per gallon.

barrels	$\frac{1}{2}$ barrels	25s
8 $\frac{1}{2}$	8 $\frac{1}{2}$	9

1298 No. 43 Medium Blue:—Weight 19.20 pounds per gallon. Dries in from 6 to 8 hours; should be reduced as follows: For dipping, 14 to 16 pounds, for brushing, 16 to 18 pounds per gallon.

barrels	$\frac{1}{2}$ barrels	25s
7 $\frac{1}{2}$	7 $\frac{1}{2}$	8

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

1299 No. 44 Deep Blue:—Weight 17.60 pounds per gallon.
Dries in from 6 to 8 hours; should be reduced as follows: For dipping, 14 to 16 pounds, for brushing, 16 to 18 pounds per gallon.

barrels	$\frac{1}{2}$ barrels	25s
9 $\frac{1}{2}$	10	10 $\frac{1}{2}$

GRAYS

1440 ✓ No. 30 Light Gray:—Weight 20.80 pounds per gallon.
Dries in from 6 to 8 hours; should be reduced as follows: For dipping, 16 to 18 pounds, for brushing, 18 to 20 pounds per gallon.

barrels	$\frac{1}{2}$ barrels	25s
7 $\frac{1}{2}$	8	8 $\frac{1}{2}$

1460 No. 31 Medium Gray:—Weight 20.20 pounds per gallon. Dries in from 6 to 8 hours; should be reduced as follows: For dipping, 14 to 16 pounds, for brushing, 16 to 18 pounds per gallon.

barrels	$\frac{1}{2}$ barrels	25s
7 $\frac{1}{2}$	8	8 $\frac{1}{2}$

IMPLEMENT STRIPING COLORS—(Paste)

(Quick Drying)

These colors are strong in tone and very permanent. Ground extremely fine, they work freely and smoothly from the striping pencil. For use on surfaces without gloss, they flat down and dry quickly. Used previous to the finishing varnish coat.

No.		SN	5 lb. P.C.
50	Striping Vermillion	1052	20
51	Striping Red	1053	16
52	Striping Blue	1054	22
53	Striping Yellow Med.	1055	22
54	Striping White	1056	22
55	Striping Black	1057	20

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS. DETROIT, CHICAGO, BUFFALO

IMPLEMENT GLOSS STRIPING COLORS— (Liquid)

These colors are especially prepared to work over varnished or gloss surfaces and particularly where color varnish or enamels are used. They work free and do not crawl. These colors will stand outside exposure and are particularly adapted to the needs of agricultural implement makers and toy manufacturers. They have also been used quite extensively for broom handles.

3/25	Striping Red.....	pints 2 45	per gal.	gals. 2 15
3/26	Striping White.....	" 3 20	"	" 2 90
3/27	Striping Black.....	" 1 95	"	" 1 65
3/28	Striping Green.....	" 2 45	"	" 2 15
3/29	Striping Yellow.....	" 2 45	"	" 2 15
3/30	Striping Blue.....	" 2 45	"	" 2 15

DETRO-BASE—(Liquid) 0242

A concentrated Dryer in heavy form used to make high-grade paint and varnish reducers with the necessary drying agents. It is mild in character, and non-injurious to the linseed oil in a mix.

When a reducer is made by adding three gallons of Detro-Base and three gallons raw oil to fifty gallons of naphtha, this produces a paint thinner at a very low price, which may be used with safety.

Per gallon in barrels..... 80

REDUCERS

For the manufacturing trade using our agricultural paints, we have prepared a thinner that will get the very best results, and preserve to the utmost the life and durability of the paint. It secures the desired drying time without any of the serious consequences incident to the use of cheap dryers. The drying or oxidizing agents are incorporated by the heat process and do not settle or separate.

Paint Reducer	0232	Bbls.
Varnish Reducer	0233	20
Gloss Reducer	0247	30
		60

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

IMPLEMENT VARNISHES

Our Wagon Coach is made to stand up under the hardest exposure, which adapts it for use in finishing wagons, implements, pumps or any article of the kind used out of doors, where good lustre and protection of the color coat is desired. It is easy-working, medium pale in color and of good body, dries dust free in two hours and hard for handling in from 24 to 36 hours.

Our other Implement Varnishes are suitable for either brushing or dipping, are light in color and easy-working; will stand up well on all kinds of implement work. For dipping purposes they are reduced from 25 to 33 1/4 per cent and retain a satisfactory body and gloss, depending on the extent of reduction. They will set up out of the way of dust in from one to three hours and dry hard in from 20 to 36 hours.

Wagon Coach	0.252	Bbls.
No. 18	0.229	1 10
No. 513	0.263	85
No. 446	0.282	75
		65

BLUE STEEL VARNISH

This is a so-called air-drying lacquer, used extensively for the protection of bright metal parts of implements, etc., such as plowshares.

Dries hard in from 4 to 6 hours depending upon the amount of reduction. It is tough and elastic. It may also be had in the Clear or Transparent.

Per gallon in barrels.....	Grade A	1 00
	Grade B	75
	Grade C	50

ROGERS VARNISH COLORS

Liquid for Dipping.

This line of Varnish Colors is made up ready for use to cover solid in one coat and dries in about eight hours' time with a smooth finish and a high lustre. They can also be used for brushing and may be applied successfully with an air brush. These colors can be strongly recommended and are being extensively used for toys, wire wheeled vehicles and wood and metal novelties.

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

		<i>SV No</i>		
		Gals.	5s	Bbls.
Green No. 82	<i>6092</i>	1 20	1 05	1 00
" " 84	<i>6181</i>	1 25	1 20	1 15
" " 85	<i>6182</i>	1 20	1 05	1 00
" " 86	<i>6183</i>	1 25	1 20	1 15
" " 87	<i>6184</i>	1 25	1 20	1 15
" " 88	<i>6185</i>	1 25	1 20	1 15
" " 89	<i>6186</i>	1 25	1 20	1 15
Olive Green Med No. 90	<i>6187</i>	1 25	1 20	1 15
Blue No. 91	<i>6188</i>	1 20	1 05	1 00
" " 92	<i>6189</i>	1 25	1 20	1 15
" " 93	<i>6190</i>	1 25	1 20	1 15
" " 94	<i>6191</i>	1 25	1 20	1 15
" " 95	<i>6192</i>	1 25	1 20	1 15
Maroon No. 70	<i>6193</i>	1 20	1 05	1 00
" " 71	<i>6194</i>	1 25	1 20	1 15
" " 72	<i>6195</i>	1 20	1 05	1 00
" " 73	<i>6196</i>	1 25	1 20	1 15
<i>6863</i> Detroit Red Lt. No. 63		1 45	1 20	1 25
<i>6864</i> Detroit Red Med No. 64		1 25	1 20	1 15
<i>6865</i> Detroit Red Dk No. 65		1 25	1 20	1 15
<i>1979</i> Spec. Det. Red No. 66		1 20	1 05	1 00
Yellow Lt. No. 67		1 50	....	....
Yellow Med. No. 68		1 55	....	....
Yellow Orange No. 69		1 55	....	....
Light Gray No. 57		1 50	1 25	1 20
Medium Gray No. 58		1 50	1 25	1 20

DRY COLORS FOR SUNDRY MANUFACTURERS' USE

		<i>SV</i>	$\frac{1}{2}$ Bbls. & Bbls.		
REDS					
	Detroit Red Lt. No. 70.....	<i>1016</i>	100's 5 1/2	5	
	Detroit Red Med. No. 71.....	<i>1027</i>	5 1/2	5	
	Detroit Red Dk. No. 72.....	<i>1028</i>	5 1/2	5	
GREENS					
	Wagon Green Lt. No. 76.....	<i>1109</i>	5 1/2	5	
	Wagon Green Med. No. 77.....	<i>1109</i>	5 1/2	5	
	Wagon Green Dk. No. 78.....	<i>1109</i>	5 1/2	5	
YELLOW					
<i>1200</i>	C. P. Yellow Lemon No. 80.....		16 1/2	16	
<i>1201</i>	C. P. Yellow Med. No. 81.....		16 1/2	16	
<i>1202</i>	C. P. Yellow Orange No. 82.....		16 1/2	16	
<i>1203</i>	C. P. Yellow Dk. Or. No. 83.....		16 1/2	16	
<i>1204</i>	Extra Chrome Yel. Lt. No. 74.....		12 1/2	12 1/2	
<i>1205</i>	Extra Chrome Yel. Med. No. 75.....		12 1/2	12 1/2	
<i>1206</i>	Extra Chrome Yel. Or. No. 76.....		12 1/2	12 1/2	
<i>1207</i>	Ex. Chrome Yel. Dk. Or. No. 77.....		12 1/2	12 1/2	
<i>1208</i>	No. 1 Yellow Lt. No. 90.....		7 1/2	7	
<i>1209</i>	No. 1 Yellow Med. No. 91.....		7 1/2	7	
<i>1210</i>	No. 1 Yellow Or. No. 92.....		7 1/2	7	
<i>1211</i>	No. 1 Yellow Dk. No. 93.....		7 1/2	7	

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

MACHINERY FINISHES

The exact requirements of the Machinery Manufacturer and Engine Builder were carefully and practically studied before we developed and brought out this line.

For beauty of finish and general durability better goods cannot be made, while for quick and satisfactory work saving both time and labor, these goods cannot be equaled.

SHOP COAT

(Paste)

1552

Intended for use in giving machine parts, engine cylinders, and castings of all kinds a coat of paint to protect them from rust in case where they may stand as stock parts subject to exposure and is also used as a shipping coat. Made only in Dark Gray and is a quick dryer.

Per pound in 25-pound pails..... 7
Per pond in barrels and half barrels..... 5½

IRON FILLERS

(Paste)

Made for surfacing all kinds of machinery, and heavy tools, and iron and steel work generally. May be applied either as a paint after reducing with Turpentine, or in paste form and put on with a trowel or knife.

The drying time is from 4 to 6 hours, depending on the thickness of the coat. The peculiarity of these Fillers is the fact that they dry hard yet sand easily and preserve an elasticity that prevents cracking or scaling.

	25's	½ Bbls. & Bbls.
Black 1455.....	6%	5½
Maroon 1456.....	7½	6
Red 1457.....	7½	6
White 1458.....	8½	7%
Special Machine Filler Dk. 523490..		5

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

MACHINERY FINISHING PAINT—(Flat)

When used over our Iron Filler, these paints give the machinery, engines, pumps, etc., a very pleasing effect, and a smooth appearance to surfaces. They dry flat, do not show brush marks, prove very serviceable and they dry quickly.

	25-lb. pails	$\frac{1}{2}$ Bbls. 2 Bbls.
Light Steel Color <i>1551</i>	7 $\frac{1}{2}$	6
Medium Steel Color <i>1555</i>	7 $\frac{1}{2}$	6
Dark Steel Color <i>1553</i>	7 $\frac{1}{2}$	6
Black <i>1553</i>	7	5 $\frac{1}{2}$

RED SEAL VELVET MACHINE FINISH

(Liquid)

This finish was prepared in response to a specific demand from users of our fillers and machine paints for a high grade flat black for use on machinery where something extra fine was wanted.

It gives to the surface an appearance of perfect smoothness, and covers solid in one coat. Splendid results are obtained with much less cost than where gloss materials are used, owing to the fact that the surface requires less building up, as this finish is a non-reflector and imperfections are not apparent. It dries in about one hour's time.

	Gallons	5's	Barrels
Black <i>286</i>	1 85	1 80	1 75
Light Steel Color <i>287</i>	1 85	1 80	1 75
Medium Steel Color <i>288</i>	1 85	1 80	1 75
Dark Steel Color <i>289</i>	1 85	1 80	1 75

TEXTILE MACHINERY ENAMELS

(Liquid Gloss)

These Enamels are especially designed for use on machinery parts, engines, etc., where a quick gloss finish is desired. They work easy, spread well, and dry with a rich lustre without showing brush marks. The drying time is from 6 to 7 hours. If used over a heavy coat of filler better results are obtained with two coats of enamel.

MAKES OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

	Gallons	5's	Barrels
Light Green 2230	1 50	1 45	1 40
Medium Green 2231	1 50	1 45	1 40
Dark Green 2232	1 50	1 45	1 40
Black 2233	1 50	1 45	1 40
Light Steel Color 2234	1 50	1 45	1 40
Medium Steel Color 2235	1 50	1 45	1 40
Dark Steel Color 2236	1 50	1 45	1 40
Vermillion 2237	2 00	1 95	1 90
Rose Color 2238	2 75	2 70	2 65
Maroon 2239	1 75	1 70	1 65
White 2240	2 15	2 10	2 05

OIL-PROOF ENAMELS (Liquid)

Oil-Proof Enamels work very easily, harden in the shortest possible time for good results, and are so prepared that they dry with a half gloss which gives the appearance of having been rubbed.

Two features which are highly developed in this line are heat resisting and oil-proof qualities. For this reason it is particularly qualified for finishing machine tools where contact with oil is continuous and on engine cylinders where an elastic finish must be used to stand heat.

	Gallons	5's	Barrels
Black 2241	1 65	1 60	1 55
Vermillion 2242	2 75	2 70	2 65
Light Steel Color 2243	1 65	1 60	1 55
Medium Steel Color 2244	1 65	1 60	1 55
Dark Steel Color 2245	1 65	1 60	1 55
Light Green 2246	1 65	1 60	1 55
Medium Green 2247	1 65	1 60	1 55
Dark Green 2248	1 65	1 60	1 55
Maroon 2249	1 75	1 70	1 65
Rose Color 2250	2 75	2 70	2 65
White 2251	2 15	2 10	2 05

GAS ENGINE SEALERS (Liquid)

The Sealer is the intermediate coat used between the filler and the finishing enamel to prevent the finish from penetrating and drying in spots.

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

The use of the sealer is particularly recommended in finishing gas engine cylinders, as it greatly improves the elasticity and heat resisting properties. It is much better for this purpose than a coat of Shellac, which is sometimes used, as the Oil Proof and Textile Enamels work and dry perfectly over it and give a splendid uniform finish.

	Gallons	5's	Barrels
Black <i>2166</i>	1 55	1 50	1 45
Steel Color <i>2167</i>	1 55	1 50	1 45
Green <i>2168</i>	1 55	1 50	1 45
Maroon <i>2169</i>	1 55	1 50	1 55

GAS ENGINE ENAMELS
(Liquid)

These finishing colors are especially adapted to meet the particular requirements in finishing internal explosive motors and are so constructed as to withstand the test without blistering, scaling or dulling of the lustre. Owing to the severity of the conditions to which they are subjected, we furnish the goods ready for use so that they require no manipulation in the shop, except in case the goods might slightly thicken up after the can is opened, a small amount of pure turpentine only should be added. Best results can be obtained from these enamels when applied over our Filler and Sealer. When ordering indicate whether high gloss or oil proof egg shell gloss effect is wanted.

	Gal. Cans	5's	$\frac{1}{2}$ Bbls. & Bbls.
Black <i>2166</i>	1 50	1 55	1 50
Vermilion <i>2167</i>	2 05	2 00	1 95
Light Steel Color <i>2168</i>	1 55	1 50	1 55
Medium Steel Color <i>2169</i>	1 55	1 50	1 55
Dark Steel Color <i>2170</i>	1 55	1 50	1 55
Light Green <i>2171</i>	1 55	1 50	1 55
Medium Green <i>2172</i>	1 55	1 50	1 55
Dark Green <i>2173</i>	1 55	1 50	1 55
Maroon <i>2174</i>	1 55	1 50	1 75
Rose <i>2175</i>	2 20	2 15	2 10
White <i>2176</i>	2 25	2 25	2 15

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

ALUMINUM PAINT PRIMER (Liquid) *SW 6500*

For use under Aluminum Paint to get the most brilliant and durable finish.

	Quarts	Halves	Gallons
Gray.....	1 65	1 60	1 55

ALUMINUM PAINT (Liquid) *SW.29*

For radiators, steam pipes, engines and all purposes requiring a brilliant, durable paint. Stands extreme heat and cold and does not crack, peel or discolor.

Pints	Quarts	Gallons
50	95	3 60

BLACK BAKING JAPANS

Our Black Baking Japans either in the high gloss or the rubber effect are so made and constructed as to develop under the appropriate heat a fibre of the utmost toughness and elasticity and a dense black appearance.

In soliciting Japan business, representatives should always ascertain what the requirements are—the baking time, oven heat used, the thinners and proportion, together with other conditions which have a bearing and these facts should be given at the time of placing an order.

0264
Extra-Black Baking Japan:—This is the highest grade of Japan intended for fine work on fenders, typewriters, adding machines, sewing machine heads, etc. It works freely under the brush and bakes with a brilliant lustre. When brushed it will take an oven heat of 350 degrees for 4 hours or 375 degrees for 3 hours. For dip work it will stand a reduction of 33½ per cent, and will bake at 350 degrees in 2½ hours' time. Where it is desired to procure a very high class finish, the Japan should not be reduced and, when baked according to instructions, can be rubbed down with fine pumice stone and water and polished to a satin-like finish with rotten stone and oil.

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

0265
No. 1 Baking Japan:—This is a dense, elastic black which will cover solid with one coat and produces a serviceable, high-gloss finish. For brush work it should be used in its original consistency and baked at 350 degrees for 3 hours. When used on smooth metal, it will stand 33 1/3 per cent reduction and will bake at 350 degrees in 2 hours' time. This is a first-class black for automobile fenders and general purpose work.

0202
No. 320 Black Japan:—This Japan is strictly high grade for work requiring an excellent finish and we specially recommend it for fender work on account of its flowing properties, toughness and lustre. This black should also be sold for tool boxes, hoods, buggy bows, bow sockets, umbrella frames, etc. It stands reducing about 33 1/3 per cent, dips perfectly without silking and shows a splendid elastic fibre. When brushed it should be baked at 350 degrees for 3 hours and, when dipped, at 350 degrees for 2 hours. It does not soften up under kerosene oil.

0203
No. 120 Baking Japan:—This is a good, heavy-bodied black and can be recommended particularly for castings and malleable work, also for sewing machine frames, seat posts, metal furniture, builders' hardware, etc. It will reduce 25 to 50 per cent for dipping, flows perfectly and drips without runs or tears. It will bake at 350 degrees in 2 hours' time or at a lower heat if the oven time is correspondingly increased.

0268
No. 500 Baking Japan:—Is intended for use on springs and a general line of wire goods. It shows good covering capacity when reduced 33 1/3 to 50 per cent with Naphtha and bakes out with a dense black, elastic, high gloss finish. When reduced in the proportion given, it will bake at 350 degrees in 2 hours or in one hour at 350 degrees gas heat.

0492
Extra Anti-Rust Primer:—There are a great many articles finished in Japan where, on account of being subject to very severe wear, it is advisable to first coat with a primer which will bake very tenaciously to the metal surface. Our Anti-Rust Primer has been perfected on a base which secures to it a natural cohesive force of attraction for metal. It is without question the finest material ever developed for baking purposes. It is primarily intended as a foundation coat but, when used alone, it gives a very pleasing half gloss effect. It

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

should be specially recommended for typewriters, adding machines, bow sockets, etc. For general dip work it may be reduced $33\frac{1}{3}$ per cent and will bake at 375 degrees in 2 hours' time. The maximum of elasticity on bow sockets, etc., is secured if baked at a temperature of 200 degrees for 6 or 7 hours.

Rubber Finish Baking Japan:—Made to bake out with three different effects known as A, B, and C—full lustre, medium gloss and dull rubber. Rubber Finishes are now extremely popular and extensively used on automobile accessories, lamps, headlights, horns, control levers, etc., as well as on hardware specialties, toys and novelties. When used on lamps or other articles that are soldered, the maximum heat tolerance is from 240 to 250 degrees with a baking time of about 2 hours. If used on iron, which will take a higher degree of heat, the baking time may be cut down to one hour at 350 degrees. These materials can be thinned slightly with pure turpentine for dipping. In the natural consistency they are just right for brushing and are used with splendid success for spraying in the air brush.

Lamp Japan, High Gloss:—A Japan for use on spun brass must be of a quality and consistency produced only by special care in the process of manufacture. Our Lamp Japan shows a perfect fibre, a beautiful gloss finish, with one spray coat or two brush coats. Will bake out at a temperature of 250 degrees in $1\frac{1}{2}$ to 2 hours' time with a finish which is extremely handsome and which shows the greatest elasticity and durability. It does not check or flake off and it is sufficiently hard so that when the bright brass parts are polished, it does not wear off. Satisfactorily withstands the kerosene oil test.

	Gallons	5's	Bbls.
Ex. Blk. Baking Japan	1 40	1 20	1 20
No. 1 Baking Japan	1 20	1 10	1 00
No. 220 Black Japan	1 00	90	80
No. 180 Baking Japan	90	80	70
No. 500 Baking Japan	80	70	60
Ex. Anti-Rust Primer	1 65	1 55	1 45
Rub. Fin. Bak. Japan—			
"A"	1 40	1 20	1 20
"B"	1 40	1 20	1 20
"C"	1 40	1 20	1 20
Lamp Japan	1 50	1 40	1 30

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

BAKING ANTI-RUST PRIMER

This is made from materials, both pigments and liquids, of a nature which tend to prevent the formation of rust on a metal surface usually caused by sweating. Anti-Rust Primer is made in 2 colors—Black and Red. It should be thinned for brush work to a proper consistency with Linseed Oil and turpentine mixed half and half. If the work is dipped, use one part oil and four parts turpentine. Anti-Rust Primer dipped bakes at 350 degrees in from 1½ to 2 hours' time. When used heavier, as in brushing, it should be given about 3 hours at the same temperature.

	Gal. Cans	5's	Blks.
Black <i>443</i>	1 65	1 60	1 55
Red <i>444</i>	1 65	1 60	1 55

BAKING ENAMELS

These enamels will meet all requirements for an extremely hard, elastic finish on bicycles, automobile parts, weighing and vending machines, scales, dental furniture, etc. They are made to brush perfectly, or may be dipped when thinned reasonably with pure turpentine. Dark shades will bake at from 225 to 250 degrees in the neighborhood of 4 hours. White, Light Reds, Yellows, etc., should not have over 140 to 150 for from 4 to 6 hours. All surfaces must be thoroughly cleaned before applying the enamel and particular attention should be paid to the removal of all indications of rust. The best results are obtained by applying the enamel over a coat of Anti-Rust Primer.

	Gal. Cans
Cream <i>169's</i>	3 10
Gray <i>6166</i>	2 75
Chrome Yellow, L. M. O. & D. <i>6130-6107-6154</i>	3 10
Robin's Egg Blue <i>6187</i>	3 10
Pea Green <i>6182</i>	3 10
New Green <i>6183</i>	2 85
Coach Green <i>6181</i>	2 85
Olive Green <i>6184</i>	3 10
Marshall Field Green <i>6185</i>	3 10
Tan <i>12813</i>	2 85
Hoffman Brown <i>6189</i>	2 85
Orinoco Vermillion <i>6188</i>	3 10
Palo Alto Red <i>6186</i>	4 10
Carmine <i>6180</i>	3 60

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

Code-Short

No. 18 BAKING JAPAN 0283

This Japan has been developed in response to the heavy demand for a piece of goods ordinarily used on small articles turned out in volume, the selling conditions on which necessitated a low price.

No. 18 Baking Japan is possessed of a body that stands 88½ reduction to secure the right leanme for good work on fair surfaces. It has a good flow and a free drip. covers solid without showing brown on the edges and does not pull away from seams or corners. It will bake in an oven, from three hundred to three hundred fifty degrees, for one hour, to a hard, tough, dense black gloss finish.

No. 18 Baking Japan per gallon (in barrels), 40 cents

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

34A

0007-SWP-036108

0007-SWP-000117514

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

2.11

	Gal Can
Antique Brown <i>694</i>	2 10
Tribune Blue <i>695</i>	2 10
Yale Blue <i>696</i>	2 10
Imperial Blue <i>697</i>	2 60
Royal Blue <i>698</i>	2 10
Green D <i>699</i>	2 85
Black First Coat <i>700</i>	1 85
Black <i>701</i>	1 35
First Coat White <i>702</i>	2 35
White Finishing <i>703</i>	2 35

BEDSTEAD ENAMELS

Liquid Baking

These enamels are made from pure materials specially selected and particularly adapted for this class of finish. They have splendid body and possess the very best working and flowing qualities, dry with a high gloss finish which does not grow brittle, consequently does not mar easily or chip in handling or shipping.

Dead Ebony Black Produces Baur Baraff.

The consistency in which these enamels are supplied is for proper brushing but may be used for dipping by thinning with Enamel reducer to the point where they will cover, flow and drain properly. They stay in suspension well while in the tank. White Primer for use under Pure White and Ivory White Enamel should be thinned with Primer reducer.

SH

	1's	5's	Bbls.
White Primer	1 60	1 50	1 35
White Finishing	2 05	1 95	1 90
Ivory White Fin's	2 05	1 95	1 90
Primrose Finishing	1 95	1 85	1 70
Sea Green Finishing	1 95	1 85	1 70
Robin Egg Blue Fin's	1 95	1 85	1 70
Shell Pink Finishing	1 95	1 85	1 70
Emerald Green Fin's	1 95	1 85	1 70
Silver Gray Finishing	1 95	1 85	1 70
Rose Pink Finishing	1 95	1 85	1 70
Willow Green Fin's	2 10	2 00	1 85
French Per. Gr'n Fin.	1 95	1 85	1 70
Carmine Finishing	2 35	2 25	2 10
Vermillion Finishing	2 75	2 65	2 50
Dead Ebony Blk. Fin.	1 95	1 85	1 70
Maroon	1 95	1 85	1 70
Baby Blue <i>694</i>	1 95	1 85	1 70
Apple Green, L. M. & D. <i>695</i>	1 95	1 85	1 70
Enamel Reducer	75	65	55
Bedst'd Prim. Reducer	70	60	50

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VERNIS MARTIN FINISH

(Baking) *S.H. No.*

For headsteads, furniture, novelty work and decorating.

Bronze Dry, per pound.....	<i>325</i>	1 25
	1's	5's
Bronzing Liquid.....	<i>010</i>	2 25
Finishing	<i>225</i>	4 00
Satin Finish	<i>225</i>	4 00

CLEAR BAKING VARNISHES

These copals are made from the most select gums carefully prepared and treated in the proper oils to develop elasticity to the highest degree under the baking heat.

The lighter shades naturally being used over delicate colors should be baked for from two to three hours at about 150 degrees. The darker copals which are ordinarily used over solid colors may be baked up to 175 to 200 degrees.

	1's	5's	Barrels
0227 Crystal White Baking Copal	4 00	3 90	3 80
0228 Ex. Lt. Baking Copal	3 00	2 90	2 80
0281 Light Baking Copal.....	2 00	1 90	1 80
0291 Baking Copal	1 50	1 40	1 30

STRUCTURAL PAINTS

NEW PROCESS RED LEAD *S.H. PAGE 25*

Rogers New Process Red Lead represents a new discovery in the method of manufacturing Red Lead in Oil, by which the well-known tendency of Red Lead to settle and become hard in the package is entirely overcome. By this new method Red Lead in paste form remains permanently in a soft, buttery condition; even when the packages are left open and exposed to the air for considerable time.

Another important point is that the New Process Red Lead will not run or sag on metal work when applied in a good free working consistency.

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DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

We give below ten reasons why New Process Red Lead is far superior to other Red Leads on the market:

First: New Process Red Lead is the first pure Red Lead in Oil that will stay in suspension. It is not to be confused with the red lead paints formerly made by ourselves and others, but running only from 55% to 65% red lead. The pigment in New Process Red Lead is strictly pure red lead—nothing else. It never cakes or gets hard, and can always be easily stirred.

Second: It carries enough oil to make a durable film. Pure red lead has never before done this.

Third: It can be spread in an even film over the surface. This has been impossible before because it had been necessary to mix it so thick (in order to keep it from running off the job) that it could not be spread out evenly.

Fourth: It will not "run" or "sag" on any part of the surface. This means that it can be spread over rough castings or surfaces without pulling away from the sharp edges, as so often is the case with ordinary red lead.

Fifth: It will cover from 35% to 40% more surface than pure Red Lead in Oil mixed by hand on the job. This is due to its oil carrying capacity as compared with red lead made in the old way, and also because of the careful grinding in modern mills.

Sixth: New Process Red Lead will save 25% in labor cost of application. In using old methods of red lead painting the workman is obliged to use it so heavy and thick that the painting is a slow, tiresome process. Furthermore, from the beginning of the job to the end it is necessary to spend as much time in keeping the paint stirred as in putting it on. New Process Red Lead spreads easily, and once stirred, stays stirred like an ordinary paint.

Seventh: New Process Red Lead will wear longer. Its oil-carrying capacity alone assures this. Our tests have proved it, and so will any fair trial that may be made.

Eighth: New Process Red Lead saves waste. The tendency of hand-mixed red lead to settle and cake hard has always entailed a very large percentage of waste in material that had to be thrown away because it could not be used. New Process Red Lead, because it always remains soft, can be used without any waste of this kind. Another important point is that it will not spoil in an open package.

Ninth: New Process Red Lead saves 75% on original material cost. This is in addition to and apart from saving in labor, saving due to covering capacity and saving of waste. Most specifications call for 28 lbs to 32 lbs of red lead to a gallon of linseed oil. Taking the lower figure, 28 lbs of pure dry red lead at 6¼¢ a pound and 1 gallon of linseed oil at 70¢ make 11.3 gallons of paint cost \$2.45, or a cost of \$1.55 per gallon. One gallon of New Process Red Lead costing \$2.35 and one gallon of linseed oil at 70¢ make two gallons of paint costing \$2.95,

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

or a cost of \$1.47½ for one gallon. These figures will vary with the market fluctuations. You take at any time New Process Red Lead at \$2.25 and oil and lead at the market price, and the comparison will show the same relative difference.

Tenth: New Process Red Lead is the only non-settling Red Lead paint on the market the pigment of which is strictly pure red lead, and that only.

It is put up in three forms:

New Process Red Lead in Oil. (Paste.) This will be sold in the Trade Sales Department in 1 lb. packages. To the manufacturing and railway trade at the following net prices:

25 lbs.	100 lbs.	Half-barrels.
10c	9¼c	9c

New Process Red Lead No. 1. (Semi-Paste.) This material is sold by the gallon and may be thinned for use gallon for gallon with either boiled linseed oil or linseed oil and any of the various reducers commonly used for this purpose. This material will weigh 19½ lbs. per gallon. The following net prices are per gallon:

Gallons	5-Gallons	Half-barrels
\$2.35	\$2.30	\$2.25

New Process Red Lead No. 2 (Liquid.) Mixed ready for use. This is a light fluffy red lead in oil, weighing about 12¼ pounds per gallon. Where moderate cost is an important consideration, New Process Red Lead No. 2 may be thinned still further. Sold at the following prices:

Gallons	5-Gallons	Half-barrels
\$1.60	\$1.55	\$1.50

GRAPHITE PAINTS

(Liquid)

The best Anti-Corrosive Paint on the market, and a positive preservative and protection on all metal surfaces. It is a first class durable paint also when used on wood or other materials. It adheres to and is extremely elastic over all surfaces, is very durable and on metal work shows an impervious solid paint film for years.

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	Gals.	5's	Barrels
No. 4 Olive Green <i>144</i>	1 20	1 25	1 20
No. 5 Brown <i>143</i>	1 20	1 25	1 20
<i>146</i> No. 7 Natural Graphite	1 20	1 25	1 20
<i>139</i> Special Graphite, A	....	....	1 10
<i>140</i> " " B	....	....	1 00
<i>141</i> " " C	....	....	90
<i>142</i> " " D	....	....	80

The Special Graphite is furnished only in the Natural Graphite Color.

ROGERS ROOF AND BRIDGE PAINT
(Liquid)

This paint is especially prepared for use on structural work (wood or metal) bridges, barns, roofs, etc. The pigments are finely ground and made to bind firmly furnishing a durable, protective coating.

	Gals.	5's	Barrels
<i>See inside 5x15's</i> Red	90	85	80
Brown	90	85	80
Black	90	85	80
Gray	90	85	80
Bronse Green	90	85	80

NON-CORRODIBLE ACID RESISTING PAINTS—
SW (Liquid)

For protecting metal from acids and their fumes.

	Gals.	5's	Barrels
Brown <i>6728</i>	1 20	1 10	1 00
Black <i>6727</i>	1 20	1 10	1 00

GALVANIZED IRON PRIMER
(Liquid)

To prevent scaling of finishing coats. As its name implies this paint is for use on galvanized iron for the first coat and its purpose is to form a safe and satisfactory bond between the metal and the finishing coat of paint.

	Gals.	5's	Barrels
Gray <i>SW 6500</i>	1 65	1 60	1 65
<i>Detroit R. 50-</i>			

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

SMOKE STACK PAINT (Liquid)

For superheated surfaces.

Black	^{SW} 7165	Gals. 90	5's 85	Barrels 80
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FURNACE BLACK (Liquid)

For furnace fronts, stove backs, etc.

SW 7449	Gloss Finish...	Gals. 1 00	5's 95	Barrels 85
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ELEVATOR PAINTS (Liquid)

These paints are especially prepared for covering large exterior surfaces as in the case of grain elevators, ware-rooms, store houses, etc.

Slate	25	Gals. 1 20	5's 1 15	Barrels 1 10
Red	21	90	85	80
Brown	20	90	85	80

CONDUIT PIPE PAINTS

Designed for the protection of pipe work laid under ground.

Black	^{SW} 4257	Gals. 80	5's 70	Barrels 60
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ANTI-DAMP PAINT (Liquid)

For the prevention of seepage and absorption of water and moisture in walls and foundation work.

Black	^{SW} 6227	Gals. 1 00	5's 90	Barrels 75
Dark Brown	6227	1 00	90	75

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DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

ROGERS GRILL BLACK (Liquid)

An air-drying Black which will cover solid in one coat, over wood, metal or any surface, giving a beautiful, soft, velvety flat effect. It is used on lamps, gas fixtures, fire fenders, chandeliers for the wrought iron effect and is used for furniture of some kinds as well as picture frames. It does not reflect light and is used for dark-room interiors and for coating the inside of camera boxes.

Black	<u>604</u>	Gals.	5's	Barrels
		1 60	1 55	1 50

FLAT BLACKS Liquid Air-Drying

Ebony Black	<u>621</u>	Gals.	
Baur Baraff	<u>622</u>	1 60	
Egg Shell Finish Blk	<u>623</u>	1 60	
Flat Black Finish for wood	<u>624</u>	1 50	

POLE PAINTS (Liquid)

For poles, cross arms, and other similar surfaces.

	Gals.	5's	$\frac{1}{4}$ Bbls. & Bbls.
745 White	1 55	1 50	1 45
759 Olive Green L	1 05	1 00	95
793 Drab	1 05	1 00	95
792 Black	95	90	85
740 Olive Green D	1 05	1 00	95
741 Dark Green	1 10	1 05	1 00
744 Bright Red	90	85	80
757 Maroon	1 10	1 05	1 00

CONCRETE FLOOR PAINT (Liquid)

An air-drying elastic preparation made for use on cement floors. It has strong binding and adhesive qualities and greatly enhances the appearance of the floor. In engine rooms, power plants, electric auxiliary

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stations, etc., trouble is often experienced from the dusting of the cement causing friction by settling on the bearings and journals. This difficulty is obviated where Concrete Floor Paint is used as it prevents the grinding of the concrete by foot traffic and anchors the dust. Owing to the widely varying nature in the character of different cement floors, no service guarantee must be offered on paints applied to cement.

		Gals.	5's	Barrels
12	Dust Color.....	1 30	1 25	1 20
14	Gray	1 30	1 25	1 20
15	Lead Color.....	1 30	1 25	1 20
30	Brown	1 30	1 25	1 20
31	Red	1 30	1 25	1 20

CONCRETE SEALER

(Liquid) 757

In painting on concrete, the best results are obtained by first surfacing or treating the floor with Concrete Sealer. It assists in closing up the pores in the cement and acts as a neutraliser to counteract the active effect of excessive free alkali which is often found to exist. On account of the presence of this active agent in excessive amounts in some floors, no guarantee of any kind should be offered on cement coatings.

Gallons	5's	Barrels
65	60	55

MILL WHITE

There is a very large demand for a white enamel for use on mill and factory interior walls and ceilings. We have developed a Mill White in Flat and Gloss and feel that our quality will enable us to compete with anything on the market. It is intended that the Flat shall be used as a first coat followed by one coat of the gloss. This results in better opacity, body, color and lustre. Our Mill White Gloss works very freely, dries in about the same time as other mill whites which have gained considerable reputation and, in point of color, ours is exceedingly white and it has a splendid full lustre. The material is made in brushing consistency ready for use.

	Gals.	5's	Barrels
219 Mill White Flat....	1 55	1 50	1 45
220 Mill White Gloss..	1 55	1.50	1 45

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

CODE - Crimp

METAL SHINGLE PAINT

(Semi-Paste)

This product is used principally for dipping metal shingles and for use is thinned gallon for gallon with naphtha. It can be used in a small way as a brush paint. It air dries over night, or where volume of business necessitates the product being handled in shorter time, it will take a light bake of 100 degrees or a little more. in four to six hours. If rush work is necessary it will bake at 250 degrees in one hour and pack in ten minutes without sticking. It has a very smooth film which gives a handsome appearance in an egg shell lustre. Reduced as described it takes exactly the right dip and flow so as to present an even surface without runs or sags and will not pile on the edges or seams. It is made in Red only.

Red 6770 Bbia 85

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

424

0007-SWP-036117

0007-SWP-000117523

BREWERS' ENAMELS *See Trade Sales Page 12*

From the nature and general character of Rogers Sanitary Enamels, they are perfectly adapted and qualified for brewers' use also in distillery cooling rooms, laundries, bakeries, bottling rooms, etc., and in all places where there may be a tendency toward atmospheric sweating of the walls. For colors and prices consult your trade sales list. In cases where it is necessary to make the A price, use the net jobbers' price.

KEG ENAMELS

For marking and painting beer kegs, ice cream buckets, etc., for purposes of decoration, preservation and identification. These enamels work freely and dry with an elastic gloss finish.

	1's	5's	Barrels
Black <i>2085</i>	1 50	1 45	1 40
Blue <i>2091</i>	1 50	1 45	1 40
Green <i>2122</i>	1 50	1 45	1 40
Red <i>2134</i>	1 50	1 45	1 40
White <i>2176</i>	1 50	1 45	1 40
Yellow <i>2162</i>	1 50	1 45	1 40

PIPE AND HOOP PAINT

A quick-drying black gloss paint for general purpose use around breweries, etc., covers solid in one coat, works smoothly and withstands moisture and dampness.

Out 505

	1's	5's	Barrels
Black	60	55	50

BREWERS' BLACK PAN VARNISH

(Mannheimer Eisen Glasur)

For the purpose of keeping in sanitary condition the inside surfaces of cooling pans. This varnish prevents the iron from rusting as it is impervious to water, beer, etc., and obviates the danger of the liquid materials coming in contact with iron rust and unsanitary surfaces.

	1's	5's	Barrels
Black <i>2174</i>	2 00	1 90	1 80

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BREWERS' VARNISH 0166

This varnish, specially prepared, is for use on the inside of brewers' vats as the staves must be coated with a material which will resist the action of liquids and not soften up, turn white or wash off.

	1's	5's	Barrels
Amer. Brewers' Var....	1 85	1 75	1 65

These prices are subject to change without notice.

EBONITE (Liquid) 0231

A general-purpose black for the needs of all manufacturers requiring a quick-working gloss black for either outside or inside use. It covers solidly with a good black finish and adheres perfectly to metal. For many purposes it will stand considerable reducing and still give results that are entirely satisfactory.

1's	5's	Barrels
65	55	45

METER BLACK (Liquid) SN 7100

An elastic gloss finish specially prepared to meet the conditions in connection with the finishing of gas and water meters. This enamel adheres firmly without chipping or cracking and affords the desired protection against rust.

1's	5's	Barrels
1 25	1 15	1 05

ROGERS UNIVERSAL BLACK (Liquid) 381

A special high-grade gloss black for manufacturers' use. It is very successfully used on stationary or portable engines, fire fronts, store fronts, safes, letter presses, iron fences, lawn seats, sewing machines, printing presses, mill machinery, or any article requiring a high-grade, air-drying gloss black containing no asphaltum and which does not require baking.

Pints	Quarts	½ Gals.	1's	5's	Bbls.
2 65	2 45	2 35	2 25	2 15	2 00

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

TRUNK MAKERS' PAINTS (Semi-Liquid)

These paints are ground very fine and possess exceptional value in their filling qualities. They are made heavy in body, stand considerable reducing with Naphtha and still retain their covering property. Special attention in their manufacture has been paid to easy-working and hard-drying properties.

No.		5's	Bbls.
10	Terra Cotta.....	1 00	95
50	Light Olive Brown.....	1 00	95
60	Dark Olive Brown.....	1 00	95
90	Brown.....	1 00	95
110	Brown.....	1 00	95
120	Brown.....	1 00	95
130	Brown.....	1 00	95
150	Drab.....	1 00	95
160	Drab.....	1 00	95
190	Drab.....	1 00	95
200	Olive.....	1 00	95
210	Olive.....	1 00	95
220	Olive.....	1 00	95
230	Dark Green.....	1 00	95
240	Deep Brown.....	1 00	95
250	Deep Brown.....	1 00	95

TRUNK MAKERS' VARNISHES

These varnishes work out easily, flow smoothly and dry very hard with a brilliant lustre which does not easily scratch, mar white, crack or chip. They are not readily affected by water and do not spot white. Black Trunk is a heavy-bodied piece of goods for iron straps, malleable corners, locks, etc., and will stand considerable reducing without losing its covering capacity and elasticity.

	1's	5's	Barrels
0260 Hard Drying Trunk....	1 35	1 20	1 10
0261 Clear Trunk.....	1 30	1 05	95
0262 Black Trunk.....	1 00	85	75

CORE OIL

Our Core Oils have advantages which give them a decided distinction and individuality. The cores bake out strong and hard, present a smooth, even, clean surface without crumbling, do not shrink or sag and

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show remarkable tensile strength. They bake out free from gas and do not blow when the cast is being made.

No. 4 Core Oil is equal to Linseed in the results obtained and has an advantage in the fact that it mixes much more easily with the sand. On the average, it should be mixed in the ratio of 75 parts sharp sand to one part of oil.

Our Special Oil is not quite so strong as No. 4 and requires the use of a larger proportion of the oil.

No. 2 Oil is still lighter in body and strength than the Special Oil and is intended for small work and snap moulding. It is a good, free compound, works nicely and bakes properly without objectionable smoke or smell.

	0236	Barrels
No. 4	.....	....
Special	0237	....
No. 2	0235	....

When taken in drums, the price is 2 cents per gallon less than the barrel price. It must be understood, however, by the buyer that the drums are returnable for credit at the same price as charged strictly f. o. b. Detroit. The terms are 30 days net or 1 per cent for cash in 10 days f. o. b. Detroit.

MOTOR SOAP *5 N. M15*

Motor Soap is made specially for use in garages, car shops, large buildings, public institutions and by steamship lines. It is made from Soya Bean Oil and is fully as satisfactory as Linseed Oil Soap from a cleansing standpoint and as it is thoroughly saponified and contains no free alkali, it can be used with perfect safety on all painted and varnished surfaces.

50's	1/2 Bbls.	Bbls.
7	6 1/2	6

Prices f. o. b. Detroit, Chicago, Cleveland and Newark.

AB-LU-ENT—(*726* Semi-Liquid and *741* Semi-Paste)

This is a perfect paint and varnish remover which saves time, labor and money. It will not raise the grain or discolor the finest wood. The liquid should be brushed on vertical or upright surfaces and allowed

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to stand for 15 or 20 minutes when the surface should be scraped and wiped off thoroughly with a cloth or waste moistened in benzine or wood alcohol. Where the coat is unusually thick or old, apply a second treatment of Abluent same as before.

Semi-Paste Ab-lu-ent is very heavy in body and is made to stay wet on upright or large surfaces for several hours time. This makes it possible to go over an entire surface in treating and removing instead of working a square or two at a time.

	1 Gal. Cans
Ab-lu-ent — Semi-Liquid.....	1 80
Ab-lu-ent — Semi-Paste.....	1 80

When 24 gallons shall have been purchased by the same consumer within 12 months, there is at the end of that period a discount of 5 per cent allowed.

NORPENTINE 0234

This is a very satisfactory substitute for Turpentine for use in connection with all ordinary Paints and Varnishes other than materials used in carriage and automobile finishing. Norpentine does not evaporate any faster than turpentine. It has about the same flash point and is no more dangerous to use or handle. It produces in paint mixes the same free working qualities as Turpentine and has the same drying time.

Barrels.....

Price subject to change without notice. Terms, 30 days or 1 per cent for cash in 10 days f. o. b. Detroit.

ALUMINUM BRONZE—(Dry) 292

This is one of the best Aluminums on the market and may be used with satisfactory results for all bronzing purposes. It may be dusted dry over a Size coat or mixed for application in one of our Bronzing Liquids. It dries very brilliant, stands a high degree of heat and outside exposure without discoloration.

	Per lb.
25-pound lots	80
Smaller lots	1 00

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BRONZING LIQUID

These liquids do not discolor either Gold or Aluminum Bronze. They are light in color and made with the proper body to work freely and give a smooth effect when either brushed or dipped. For dipping purposes they should be slightly reduced. We always recommend No. 1 quality where the work is expected to stand outside exposure. These Bronzing Liquids are free from any offensive, banana-like odor.

	1's	5's	Barrels
2453 No. 1 Bronzing Liquid	1 45	1 35	1 25
4-4 No. 2 Bronzing Liquid	95	85	75
1-1 No. 3 Bronzing Liquid	85	75	65

LITHOGRAPHERS' VARNISH—(Liquid)

Litho Varnish is made by a heat process for converting Linseed Oil and acquiring the right specific gravity, density, body and color. Our goods are free from grease, will not leave a tacky surface and the type forms clean up readily. In the preparation of our Litho Varnish, the boiling is carried to an extreme degree of heat for a perfect evaporation of all moisture and elimination of greases, fats, and mucilaginous substances. Our varnishes are lighter in color than most others on the market and their working properties give to them an exceptional character.

In making prices quote the following advances over the market price existing at the time on raw Linseed Oil. Where it is possible, except to the largest buyers, 2 or 3 cents per gallon additional should be procured.

Add to raw oil market on—

All 0 Numbers	5's	Bbls.
No. 1	17	12
No. 2	19	14
No. 3	24	19
No. 4	29	24
No. 5	34	29
No. 6	49	44
No. 7	64	59
No. 8	79	74
	94	89

These additions represent the prices f. o. b. Detroit. If quoting delivered, the freight must be added.

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ROGERS INSULATING VARNISHES

Use Benzine thinner for all except Black and Clear Finishing Varnishes.

Clear Elastic Baking:—A tough and very elastic high heat resisting varnish, is oil proof, water repellent and has an insulating value of 1,000 to 1,200 volts per 1/1000 inch thickness. Bakes in 6 hours at 200 degrees Fahrenheit. Made particularly for insulating armature and field coils but is also used in making varnish cambric and other sheet insulations. *0292*

	Gallons	5's	Barrels
To Manufacturers.....	1 25	1 10	1 00
To Jobbers.....	1 00	90	80
To Small Consumers..	1 25	1 15	1 00

Black Elastic Baking:—Particularly suitable for insulating high voltage generator windings, oil cooled transformer coils and street railway meter armature and field coils which are subjected to continued vibration and varying loads. Bakes in 8 hours at 200 degrees Fahrenheit. It is exceedingly elastic, absolutely impervious to oil and water and is excellent in resistance to high temperatures. Resistance to puncture 1,200 volts per 1/1000 inch thickness. *0293*

	Gallons	5's	Barrels
To Manufacturers.....	1 25	1 05	95
To Jobbers.....	95	85	75
To Small Consumers.....	1 20	1 05	95

Black Quick Baking:—Bakes in 4 hours at 200 degrees Fahrenheit. Is elastic, oil and waterproof, possesses high gloss, is a good insulator and has a tenacious film. For quick repairs to motors, generators and transformers. *0294*

	Gallons	5's	Barrels
To Manufacturers.....	1 05	95	80
To Jobbers.....	85	75	65
To Small Consumers.....	1 10	1 00	90

Clear Quick Baking:—For quick repairs to motor, transformer and generator windings. Bakes in 3 hours at 200 degrees Fahrenheit. Is oil proof and waterproof, elastic and a high insulator, acid proof and free from acids. *0295*

	Gallons	5's	Barrels
To Manufacturers.....	1 20	1 05	95
To Jobbers.....	85	85	75
To Small Consumers.....	1 20	1 10	1 00

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Clear Air Drying:—Adapted for use in repair shops not equipped with baking facilities. Air dries in 5 to 6 hours. Is fair in point of flexibility, moisture and oil-proof qualities. Used on armature, field and magnet coils.

	Gallons	5's	Barrels
To Manufacturers.....	1 00	80	75
To Jobbers.....	80	70	60
To Small Consumers.....	1 05	85	85

Underwriters' Insulating Black Enamel, Acid Resisting:—For meter boards, switchboards, mouldings, aerial and underground cables, service boxes, street car trucks and fenders, controller boxes, trolley stands and poles, motor frames and as a general product for protection and insulating purposes. Air dries in one-half hour, is impervious to moisture and flame resisting, possess good acid-resisting qualities, gives a high gloss finish, compact coating and is a fair insulator. Thin with benzine.

	Pints	Quarts	Gallons	5's	Barrels
To Manufacturers—					
1 05		80	75	60	50
To Jobbers—					
85		70	60	50	40
To Small Consumers—					
1 20		1 00	80	70	60

Finishing Varnish Black Air Drying:—Used as a finishing coat on all kinds of electrical apparatus to prevent absorption of lubricating oils and moisture. This is a spirit varnish which air-dries in 10 to 15 minutes, is deep black in color, with a good high gloss, oil proof, water-proof, durable and keeps in perfect solution. Thin with denatured alcohol.

	Gallons	5's	Barrels
To Manufacturers.....	1 40	1 25	1 15
To Jobbers.....	1 10	1 00	90
To Small Consumers.....	1 50	1 35	1 25

POSSIBILITIES FOR SALES

- Manufacturers of dynamos, motors, generators, transformers, spark coils, storage batteries and other electric apparatus.
- Manufacturers of varnish cloth and other sheet insulations.
- Manufacturers of electrical and automobile ignition cables.

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Manufacturers of electric railway signal systems.
Manufacturers of electrical mining machinery.
Manufacturers of electrical conduits.
Electrical repair shops.
Street railway systems.
Car heating and lighting companies.
Telephone manufacturers.
Steel Plants.
Cement Mills.
Electrical Supply Houses.
Also to concerns having in operation a large number of motors or other electrical equipment.

CABINET ENAMEL PRIMER
(Liquid) 501

A perfect first-coater for the preparation of the surface preliminary to the use of Cabinet Enamel on high grade wood work and furniture finished in white.

Quarts	½ Gallons	Gallons
50	90	1 45

CABINET ENAMEL
(Liquid)

This enamel is specially designed for the practical finisher and decorator. It possesses full body, flows freely and dries without brush marks dust free in about three hours and hard in 24 hours. It will rub perfectly after 72 hours and polishes the day following to a piano-like finish. This enamel may be used for the highest grade of furniture and cabinet work. Made in Snow White, Pearl White and Ivory White.

2096 2096 2097

Quarts	½ Gallons	Gallons
70	1 30	2 50

ROGERS PASTE WOOD FILLER
(For Open Grained Woods)

In natural wood finishing the quality of the Paste Wood Filler is a feature on which the final appearance of the work largely depends. It must work short, rub

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off easily without pulling out, dry absolutely hard, sand without rolling up and must positively not shrink or expand. A filler to answer these requirements must be properly ground in the best of vehicles and carry a pigment which will give the necessary stability. Poor fillers permit the varnish coats to sink and pit and any number of varnish coats will not remedy a faulty filler coat.

	25-lb Cans	100-lb. Tubs	Barrels ½ Bbls.
Light 1771	7½	7	6½
Dark 7723	7½	7	6½
Golden Oak 7724	7½	7	6½
Brown Antique 7726	7½	7	6½
Mahogany 123	7½	7	6½
Early English	7½	7	6½

**PENETRATING WOOD STAINS
(Liquid)**

This is a line of stains of exceptional quality and character for high-class interior woodwork on fine residences, offices, public buildings and fine furniture. They have none of the objectionable features of water or spirit stains but bring out the natural grain of the wood, do not show streaks or laps, and do not require wiping to secure the desired effect. They are easy of application and their richness of tone appeals to the architect and painter.

SW. 14501 Antwerp Oak	Flemish Oak	SW. 14504
14502 Bog Oak	Old English Oak	14505
14509 Brown Oak	Tavern Oak	14506
14503 Cathedral Oak	Weathered Oak	14507
14508 Early English	Mahogany	14508
14510 Fumed Oak	Walnut	14509

Quart size in glass bottles.

Quarts	Gallons	5's
2 20	2 00	1 85

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PENETRATING WOOD STAIN REDUCER 0649

For reducing Penetrating Wood Stains where lighter shades are required. Put up in cans only.

Pints	Quarts	$\frac{1}{2}$ Gals.	Gallons	5's
25	45	75	1 35	1 25

PERMANENT MAHOGANY STAIN NO. 700

Light and Dark. *SW 14538*

These stains are known as the acid type stains. Are of the best possible shade and tone for all first-class finished woodwork including pianos and high grade furniture of Birch or Mahogany. They are absolutely permanent and fast when exposed to strong light. Intermediate shades between light and dark can be obtained by the mixture of the two stains in varying proportions until the desired shade is procured. These stains are intended for the highest type of Mahogany Finish on Birch and Mahogany and will have a tendency to slightly raise the grain of the wood. This develops a richness of tone that makes their use highly recommendable.

Quarts	Gallons	5's
1 20	1 00	90

WAX LAC STAINS—(Liquid)

For producing beautiful mission effects on woods. Do not raise the grain, will not streak or show brush marks, dry promptly and do not bleed when finished over. Require no wiping. Produce with one application a clear stained effect without obliterating the grain of the wood.

SW 14699 Early English Oak
14698 Green Weathered Oak
14697 Weathered Oak
14695 Modern English Oak

Fumed Oak *SW 14694*
Mahogany Light *14697*
Mahogany Dark *14696*
Cherry *14695*

Put up in Varnish cans.

Quarts	Gallons	5's
1 65	1 50	1 40

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GOLDEN OAK STAIN
(Liquid)

0636

Made especially to follow Golden Oak Paste Filler on Oak and other woods. Reduced as directed, this stain dries promptly without wiping and does not streak or lap. Brings out handsomely the flake in quartered oak. Thin as directed to produce different Golden Oak tones.

Quarts	Gallons	5's
1 50	1 25	1 25

FURNITURE WAX
(Paste)

For the finishing of furniture or interior woodwork to secure that soft, semi-lustre which is considered a highly artistic effect.

2's	5's	25's	Kegs
25	25	22 1/2	21 1/2

ROGERS FURNITURE AND AUTOMOBILE
POLISH—(Liquid)

448

This is the finest polish for all varnished surfaces. It promptly removes stains, dust, finger marks, oil and dirt. It will also eliminate small hair-line scratches. It preserves the original elasticity of the finish, renews the lustre effect and leaves no oily residue on the surface to cloud or catch dust.

Pints	Quarts	Gallons	5's
2 60	2 20	2 00	1 25

BRAS-SHINE
(Liquid)

489

A quick-working highly effective polish for use on brass or other metal parts. It will not scratch the finest surface. When used on brass, it produces a polish which, being free from the effect of acid, will remain longer without tarnishing or discoloring from atmospheric effect than is the case with most other quick-working polishes.

Pints	Quarts	Gallons	5's
1 30	1 10	80	70

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

**VARNISHES FOR MANUFACTURERS' TRADE
PIANO POLISHING VARNISHES**

⁰²⁷³
Zanzibar Polishing Varnishes:—Finest grade of piano polishing that can be made for the highest grade piano work. It is light in color, working, flowing and drying properties being perfect. Dries dust-free in 1 hour, to recoat in 5 to 7 days, to rub in 8 to 10 days. Flowing coat dries to polish in 10 to 12 days.

0154 **Crystal Piano Polishing:**—The best all around satisfactory piano varnish to be had for the highest and medium grade piano work. It is perfectly transparent, beautifully magnifying and brings out the tone and character of the work. Dries dust-free in 1 hour, to recoat in 4 to 6 days, to rub in 6 to 8 days. Flowing coat dries to polish in 8 to 10 days.

0155 **Quick Transparent Polishing:**—A very pale, high-grade quick-drying varnish intended for piano and the highest grades of furniture work. Dries dust-free in 1 hour, to recoat every other day, to rub in 4 to 5 days, taking and retaining for the greatest length of time the most beautiful permanent polish.

0156 **Heavy Piano Polishing:**—A heavy bodied piano polishing for medium and good grade work. It has splendid working, flowing and drying properties, but is not quite so pale in color as the above. A very tough and permanently elastic varnish, taking a splendid polish. Dries dust-free in 1 hour, hard to recoat in 4 to 6 days, to rub in 6 to 8 days. Flowing coat dries to polish in 8 to 10 days.

0157 **Heavy Pale Piano Polishing:**—Similar to heavy piano polishing, being heavy in body, but exceedingly pale in color. A high-grade varnish, sold close, for medium grade piano and high-grade furniture work. Dries dust-free in 1 hour, to recoat in 2 to 3 days, to rub in 4 to 6 days. Flowing coat dries to polish in 6 to 8 days.

RUBBING AND POLISHING VARNISHES

0245 **White Maple Polishing:**—A perfectly transparent varnish that dries hard, making it capable of taking and retaining the highest polish. It works and flows out exceptionally well. It is designed for high-grade piano

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and furniture work where an almost colorless varnish is required. Dries dust-free in 1 hour, to recoat on piano work in 5 to 7 days, to rub on piano work in 7 to 9 days. Flowing coat on piano work can be polished in 10 to 12 days. Dries to rub on furniture work in 4 to 6 days and can be polished next day.

- 0285 Pale Maple Polishing:—Very similar to the above. Made of selected materials, but not quite so high grade. This varnish is designed for use on best grades of furniture and medium to good grade piano work. Dries dust-free in 1 hour, to recoat in 2 to 3 days, to rub in 4 days and can be polished the next day.
- 0286 Quick Transparent Polishing:—A very pale, high-grade quick-drying varnish intended for piano and the highest grades of furniture work. Dries dust-free in 1 hour, to recoat every other day, to rub in 4 to 5 days, taking and retaining for the greatest length of time the most beautiful permanent polish.
- 0287 White Rubbing:—This varnish is intended for use on the best grades of Circassian Walnut, Mahogany or Oak woodwork where the finest, most durable results in a dead rubbed finish are desired. White Rubbing, as the name indicates, is perfectly transparent, therefore will not discolor the most delicate woods. A coat can be applied each day without danger of crackin or becoming brittle and the last coat can be rubbed to a dead finish with pumice-stone and water, or oil, the second day following its application. Dries dust-free in 30 minutes.
- 0284 Heavy Pale Polishing:—The most satisfactory heavy bodied rubbing and polishing varnish in the line for the highest type of furniture and medium grade piano work. Unquestionably the toughest and most permanently elastic varnish that can be found. Pale enough in color for use over the lightest shades. Dries dust-free in 45 minutes to 1 hour, hard to recoat in 2 to 3 days, to rub in 4 days and polish the 5th.
- 0288 Fine Cabinet Polishing:—A splendid varnish medium in color, standard in body and of exceptional value. It is intended for fine and medium grade organs and furniture work. This is a particularly safe varnish for hurried work. Dries dust-free in 1 hour, to recoat in 2 to 3 days, to rub in 3 to 4 days, to polish the following day.

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- 0289 Quick Cabinet Rubbing:**—A varnish medium pale in color, works well and dries quickly, intended for medium-priced furniture work. This varnish is exceptionally strong for its price, owing to its quickness of drying and the splendid polish which it takes and retains. Dries dust-free in 1 hour, to recoat in 36 to 48 hours, to rub in 3 to 4 days, to polish the day following.
- 0290 Extra Quick Furniture Rubbing:**—One of the best varnishes in the line. Can be used as an intermediate coater or for all the coats, as a rubbing and polishing varnish for rushed work. This varnish dries very quick and hard, but does not become brittle. A good safe varnish for its price. Dries dust-free in $\frac{1}{2}$ hour, to recoat in 48 hours, to rub in 3 days, polishing on the fourth.
- 0216 Never-Print Rubbing and Polishing Varnish:**—Where wrapping is necessary preparatory to shipment within a short time after polishing, this varnish should always be used as it dries hard throughout and will rub with perfect safety two days after polishing. It is medium in color and body, dries dust-free in about one hour and rubs beautifully in three days.

CABINET OR GLOSS FINISHING VARNISHES

- 0274 Bar-Top Finish:**—This varnish is made especially for bar-tops, cafe tables and other surfaces subjected to severe usage, and will not turn white, spot or crack when exposed to alcohol or water. It is pale in color, of standard body and free-working. Dries dust-free in 6 to 8 hours, to recoat in 2 to 3 days.
- 0380 Extra Elastic Coach:**—The best varnish that can be made for high-grade refrigerators, coolers, plumbers' woodwork, etc. Is very elastic, works splendidly, is not affected by water or dampness, and will stand extreme exposure. Dries with a full, beautiful lustre. Dries dust-free in 8 to 10 hours, hard in 2 to 3 days.
- 0381 Heavy Cabinet Finishing:**—A high-grade extra pale, heavy bodied, free-working varnish for the best grades of furniture and other finished woodwork where a fine, deep gloss finish is desired. The finish produced by this varnish is exceptionally elastic and durable. If desired, can be very lightly water rubbed. Dries dust-free in 1 hour, perfectly hard in 24 to 36 hours.

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- 0384 White Reed Finishing:—A colorless, hard-drying, yet elastic reed finishing. Suitable for brushing or dipping on best grades of reed work. Dries dust-free in 1 hour, to pack in 36 hours.
- 0383 Extra Pale Coach:—Very similar to the above, not quite so high grade, but very satisfactory for general good grade furniture work to be left in the gloss.
- 0384 Furniture Coach:—A good grade furniture coach varnish, not quite so pale in color as the above. A splendid varnish for all around gloss finishing work. Dries well in 24 hours.
- 0385 Free Flowing Coach:—A very pale, easy-working gloss varnish intended for medium and cheap grades of furniture work. Flows perfectly on any size panel and will not powder or mar easily. Dries dust-free in 1 hour, hard in 36 to 48 hours.
- 0386 Quick Drying Coach:—A hard, quick-drying gloss varnish, standard in body, intended for general furniture work where finish is left in the gloss (not rubbed or polished). Dries exceptionally hard but is not brittle. Will not soften up or print when packed. Dries dust-free in 1 hour, hard to pack in 36 to 48 hours.
- 0387 Transparent Coach:—A transparent varnish intended for use on work where it is desirable not to discolor the natural color of the work. Adapted for use in dipping chairs, for churns, toys, washing machines, handles, etc. It is light in color, very elastic, will stand exposure and will not crack or mar easily. Should not be recommended as a brushing varnish on very long surfaces. Dries dust-free in 1 hour, hard in 24 hours.
- 0388 Pale Novelty Finishing:—Is pale in color, medium body, free-working, and dries with a high lustre. Can be dipped or brushed, and is intended for a finishing-coat on toy and novelty work, where a very pale varnish at a moderate price is demanded. Dries dust-free in 1 hour, hard in 24 hours.
- 0389 Special Flowing Coach:—A very pale, elastic varnish of standard body. Can be either dipped or brushed on chairs or small surfaces. Will not powder or mar easily. Dries dust-free in $\frac{1}{2}$ hour, hard in 36 to 48 hours.
- 0390 Hard Drying Coach:—A varnish of similar character to Transparent Coach, although darker in color, about the same in body, dries harder and will successfully

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withstand longer exposure. Intended for the same purposes except where a varnish of very pale color is wanted. Is a splendid varnish for churns, washing-machines and similar work.

FIRST-COATERS (Clear)

- 0222 **Prima Lac:**—A clear first coater which can be used with perfect safety on the best grades of work. It is very elastic and will not crack upon subsequent coats. It sands easily leaving a smooth, elastic surface which holds up subsequent coat and does not allow them to sink in or perish. Dries dust-free in three-quarters of an hour and hard to sand in 24 hours.
- 0225 **No. 45 First Coater:**—This is an excellent quality at a very favorable price and can particularly be recommended to makers of cheap or middle class furniture, kitchen cabinets, tables, etc. It dries dust-free in about 30 minutes and hard to sand over night.
- 0186 **Pale First Coater:**—A pale, tough and elastic first-coater for use on furniture and other finished wood-work. It will dry perfectly hard over night to sand and to recoat in 24 hours. One of the best first-coaters in the line and similar to Hard-Drying Coater, except being considerably paler in color.
- 0187 **Hard Drying Coater:**—A perfectly safe, clear first-coater for the best grades of work. Is very elastic, therefore will not crack, powder or dust up while sanding like ordinary first-coaters. It sands down smoothly and does not allow subsequent coats to sink away or perish. Can be satisfactorily brushed or reduced and dipped. Will make a good, durable finish that will not mar or print on cheap or medium chairs when used for finishing coat. Medium in color and body. Dries dust-free in ½ hour, to sand and recoat in 24 hours.
- 0188 **Hard Drying First-Coater:**—Very similar to Pale First-Coater. A highly satisfactory first-coater for the price.
- 0189 **Extra Pale Second-Coater:**—A rubbing varnish intended as an intermediate coat on good grades of furniture work. It is generally used as a second coat over surfaces or a clear first-coater on three-coat polished

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work where time and expense are considerations. On work that is rubbed to a dead finish, two coats over a first-coater will produce a splendid result. It is very pale in color, works and flows out nicely. Dries dust-free in $\frac{1}{2}$ hour, to stand or rub to recoat the second day. On medium priced work it can be nicely polished.

PIGMENT SURFACERS

- 108 **Flint-O-Lac:**—This is a pigment first-coater and can be used very successfully by manufacturers of cheap furniture, particularly where soft woods are used. It sands clean and short without gumming or pulling the day following application and holds up succeeding coats perfectly.
- 108 **Detro Primer:**—This is a first-coater carrying a pigment made somewhat similar to Flint-o-Lac and is used in the same way but is of a cheaper quality to meet competition. It has given splendid satisfaction in competition with other goods of like kind on the market sold at about the same price.

ENGINE AND MACHINERY FINISHING VARNISHES

- 0251 **Rogers Pale Engine Finishing:**—An easy-working, hard-drying varnish made especially to withstand the action of oils and lubricants on machinery. This should be a very popular varnish for manufacturers of gas and gasoline engines. It dries in 36 hours.
- 0250 **Hard Drying Engine Finishing:**—Very elastic, not so light in color as Pale Engine Finishing but the same in working and drying properties. Will stand considerable heat without becoming brittle.
- 0140 **Engine Finishing:**—A hard, yet elastic varnish capable of withstanding high temperature without growing brittle. Medium in color and body. Specially adapted for surfaces which are subject to heat. Dries dust-free in 3 to 5 hours, hard in 24 to 36 hours.

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WAGON AND IMPLEMENT VARNISHES

252 **Wagon Coach:**—Is made to stand up under hardest exposure. It is adapted for use in finishing wagons, implements, pumps or any article used out of doors where protection of the color coat is desired with a good lustre. It is easy-working, medium pale in color, of good body, dries dust-free in 2 to 3 hours and hard to handle in from 24 to 36 hours.

Our other Implement Varnishes are suitable for either brushing or dipping, light in color and very easy-working, will stand up well on all kinds of implement work. For dipping purposes they will reduce from 25 to 33 $\frac{1}{3}$ per cent and retain a satisfactory body and gloss. They set up out of the way of dust in from 2 to 3 hours and dry hard in from 20 to 36 hours.

Implement Coach Varnishes Nos. 18, 518 and 446 are of a character which permits of their being strongly recommended to the implement trade.

REFRIGERATOR VARNISHES

C198 **Elastic Refrigerator Coach:**—Quality and price should make this the most satisfactory refrigerator finishing varnish that can be found. It is pale enough in color to be used over any work except white and will withstand the greatest possible extent the severe tests such as unheated warehouse storage, submerged in water, etc. It has splendid body, working and drying qualities, dries dust-free in 4 to 5 hours, hard to recoat in 2 to 3 days, to wrap in 3 days and crate in 2 days.

0199 **Quick Elastic Refrigerator Coach:**—The same as the above only made to dry more quickly. Will safely undergo the same severe usage. Dries dust-free in 3 to 4 hours, hard to recoat in 2 days, to wrap in 2 days, to crate in 24 to 36 hours.

0200 **Extra Elastic Coach:**—The best varnish that can be made for high-class refrigerators, coolers, plumbers' woodwork, etc. It is very elastic, works splendidly, is not affected by water or dampness and will stand extreme exposure. Dries with a full, beautiful lustre. Dries dust-free in 8 to 10 hours, hard in 2 to 3 days.

WATERPROOF, SPAR AND EXTERIOR VARNISHES

- 0253 Heavy Washing-Machine Coach:—One of the best varnishes that can be made for the price. For use on high-grade washing machines, churns and similar work. It is heavy in body, pale in color and will successfully withstand months of exposure to the elements. Dries to handle and pack in 24 hours.
- 0391 Canoe Spar:—Unquestionably the best medium-priced waterproof varnish obtainable. It will stand submerging in water without turning white, is heavy in body and especially designed for canoes, boats, etc.
- 0394 Extra Waterproof Coach:—As the name implies, a varnish specially designed to stand moisture and exposure. It can be applied to any article for which a varnish of such character is desired. Dries dust-free in 4 to 5 hours, hard in 48 hours.
- 0393 Quick Waterproof Coach:—For the same purposes as above, except quicker in drying. Dries hard in 36 hours.
- 0394 Pale Quick Waterproof Coach:—A cheaper grade of waterproof varnish for the same purposes as above.

CLEAR BAKING VARNISHES

- 0227 Crystal White Baking Copal:—A very white baking copal made from the most select gums for use over whites and delicate tints. In order to preserve the color of the work it is advisable to bake at 150 or 160 degrees for from 3 to 4 hours, depending upon the color.
- 0228 Extra Light Baking Copal:—Same as above in working and baking properties, but not so light in shade. Intended for use over medium dark colors where an extremely pale varnish is not necessary. The baking time is regulated by the color over which it is used and should run from 175 to 200 degrees from 2 to 3 hours.
- 0281 Light Baking Copal:—Made with good working and baking properties and will show very satisfactory results on a medium class work which does not require the use of high grade copal.

- 029¹ Baking Copal:—Made from good gum for general finishing baking work where color is not a consideration. This baking varnish has good body, bakes out very tough and holds a full, round lustre.

DRYERS, ASPHALTUMS AND BRONZING LIQUIDS

- 029 No. 1 Turpentine Asphaltum:—A high grade Asphaltum made from the best Gilsomite in combination with turpentine. It is heavy in body, dries with a brilliant, jet black lustre. This is a very fine black for iron work of any kind, and can also be used for making stains.
- 030 Champion Asphaltum:—This is made from a good grade of gum, with a combination of turpentine and naphtha. It dries with a smooth high-gloss finish in about one hour's time.
- 031 Newport Asphaltum:—An excellent article where a cheap gloss black finish is desired.
- 035 White Liquid Dryer:—A very pale dryer made specifically for use in connection with light shades where delicate tints must be preserved.
- 034 T. J. Dryer:—A very strong dryer made for manufacturers' use and all purposes requiring active drying agent. It mixes readily with paint liquids without causing precipitation or curdling.
- 036 U. J. Dryer:—A medium grade dryer for general purpose use made with a combination of turpentine and benzine.
- 039 Sahara Dryer:—An excellent piece of goods which can be offered at a very attractive price.
- 037 S. J. Dryer:—This is a very satisfactory low-priced dryer for general manufacturers' use.
- Bronzing Liquid:—We make this in three qualities, Nos. 1, 2 and 3, in order to meet competition. These liquids do not discolor either gold or aluminum bronze, are light in color, made with the proper body; to work freely and give a smooth effect when either brushed or dipped. For dipping purpose they should be slightly reduced. We always recommend No. 1 quality where the work is expected to stand outside exposure. These Bronzing Liquids are free from any offensive banana-like odor.
- #1-453
- #2-454
- #3-455
- #4-456

DULL FINISH VARNISH Rx475

Mezzo Finish:—For all grades of furniture and wood-work where it is desired to produce the rubbed effect without the usual labor of rubbing being necessary. When applied over a previous gloss coat, Mezzo Finish dries with a soft, egg-shell appearance which represents perfectly an oil-rubbed finish.

DETRO LAC VARNISHES

- 0126 **D. C. Detro Lac:**—This is the grade of Detro Lac which has been famous all over the country for so many years. It is positively the quickest furniture varnish made and, unlike most other quick-drying varnishes, it is absolutely safe. It is pure gum, contains no rosin, and its liquids are so tempered that it is as easy-working as the slow-drying class of material. This feature alone makes it invaluable to the manufacturers of tables and other pieces of furniture having large surfaces. D. C. Detro Lac dries dust-free in 1 hour and hard to sand in 8 to 10 hours, rubs beautifully in about 36 hours and polishes 12 hours after.
- 0127 **D. C. Heavy Detro Lac:**—About the same in quality and color and also working properties as the above but heavier in body and slightly slower in drying.
- 0130 **D. C. White Detro Lac:**—This is paler in color than the above for use on light woods. Like the other Detro Lacs, it is very free and easy working, dries dust-free in 3 hours and hard in 18 hours. Can be rubbed in 48 to 60 hours and polished 24 hours after. In some instances, under favorable circumstances, the work is polished 12 hours after it is rubbed.
- 02 **Detro-Lac:**—This is a medium-colored varnish and is entirely different from anything on the market. Its manufacture is original with us and it is the quickest working safe varnish on the market. While it is intended as a first-coater, it will produce a very fine finish where quick work is desired. It dries dust-free in an hour and hard to sand in 10 hours.
- 03 **Heavy Detro Lac:**—Same in color but heavier in body than the above and requires a little longer time for drying.
- 06 **White Detro Lac:**—Of the same general quality but lighter in shade. It dries dust-free in 2 hours and hard in 24 hours.

GRINDING JAPANS AND VARNISHES FOR PAINT GRINDERS' AND MAKERS' USE

Our extensive facilities for the manufacture of Varnishes and Japans and the detailed knowledge which we possess by reason of our own experience in grinding colors, makes it possible for us to offer other grinders without varnish-making facilities a line of goods that represents everything in Japans, Dryers, Mixing Varnishes, etc., that they might require.

Grinders' Japan No. 13:—A high grade Shellac Grinding Japan for fine Coach Colors. It is of medium color, heavy bodied, elastic, hard drying and perfectly tempered for coach color grinding.

Grinders' Japan No. 8:—A high-grade, light-colored grinding Japan for yellows, grays, whites and all delicate shades. Quality somewhat similar to 13 but lighter in color.

Grinders' Japan No. 2:—An excellent grinding Japan for Blacks, Iron Fillers, Machinery Paints, etc. Has excellent body, mixes well with oils and varnishes and is a very hard dryer.

Grinders' Dryer No. 410:—A heavy-bodied dryer of medium color. Mixes well with any paint vehicle and has splendid drying properties. The addition of this dryer to any liquid paint does not lessen the body or gloss.

Grinders' Dryer No. 357:—This is a concentrated dryer. Any grade or strength may be had by the addition of benzine in proportions ranging from 1 to 15 gallons of benzine to 1 gallon of dryer.

Grinders' Dryer No. 116:—This is a very good, cheap general use dryer, does not separate and has excellent drying properties.

Grinders' Mixing Varnish "A":—A very high-grade, long oil pure Kauri Mixing for high-grade enamel goods intended for either inside or outside use. Any grade of mixing varnish can be procured by mixtures in different proportions of grades "A" and "D."

Grinders' Mixing Varnish "B":—A Kauri mixing for all classes of high-grade goods. It does not carry quite so much oil as "A" and is slightly darker in color. It is an excellent piece of goods, however, for color varnishes and high-grade lustral colors.

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Grinders' Mixing Varnish "C":—A splendid Kauri Mixing Varnish. Is heavy bodied, has good gloss and durability and is strongly recommended for the manufacture of such goods as Carriage Paints, Enamels, etc.

Grinders' Mixing Varnish "D":—A light colored, long oil mixing varnish. Affiliates readily with grades "A," "B" and "C" and can be used in this way in grading for price. This is a part China Wood Oil Varnish.

Grinders' Mixing Varnish "E":—A long oil mixing varnish, heavy in body, light in color. This varnish used either alone or in combination with "A" or "B" makes a perfect-working color varnish.

Grinders' Mixing Varnish "F":—Medium in color and body, shorter in oil than "E." A perfect mixing varnish for medium-priced goods. This varnish can be recommended for the manufacture of varnish stains for interior use.

Grinders' Mixing Varnish "G":—A hard drying, high-gloss mixing varnish, dark in color, medium bodied and quick drying.

Grinders' Mixing Varnish "H":—A fine grade of Damar Varnish, light colored and heavy bodied. Imparts a splendid lustre to any combination.

Piano Polishing Varnishes

	1's	5's	Bbls.
0275 Zanzibar Piano Polishing.....	3 65	2 80	3 40
Crystal Piano Polishing.....	2 00	2 90	2 75
Quick Trans. Polishing.....	2 00	2 90	2 75
Heavy Piano Polishing.....	2 50	2 40	2 25
Heavy Pale Piano Pol.....	2 30	2 15	2 00

Rubbing and Polishing Varnishes

0245 White Maple Polishing.....	2 75	2 55	3 40
Pale Maple Polishing.....	2 00	2 35	2 70
Quick Trans. Polishing.....	2 00	2 90	2 75
White Rubbing.....	2 00	1 90	1 75
Heavy Pale Polishing.....	2 00	1 80	1 65
Fine Cabinet Polishing.....	2 25	2 15	2 00
Quick Cabinet Rubbing.....	1 95	1 80	1 65
Extra Quick Fern. Rub.....	1 40	1 45	1 20
1206 Neverprint Rub. and Pol.....	1 80	1 65	1 50

Cabinet or Gloss Finishing Varnishes

0274 Bar-Top Finish.....	2 50	2 40	2 25
Extra Elastic Coach.....	2 45	2 30	2 15
Heavy Cabinet Finishing.....	1 70	1 55	1 40
White Reed Finishing.....	1 45	1 30	1 15
Extra Pale Coach.....	1 45	1 30	1 15

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BOWLING

	1's	5's	Bbls.
Furniture Coach	1 35	1 20	1 05
Free Flowing Coach.....	1 30	1 15	1 00
Quick Drying Coach.....	1 35	1 20	1 05
Transparent Coach	1 30	1 15	1 00
Pale Novelty Finishing.....	1 30	1 15	1 00
Special Flowing Coach.....	1 30	1 15	1 00
Hard Drying Coach.....	1 20	1 05	90
First Coaters, Clear			
Prima Lac	1 30	1 15	1 00
No. 45 First Coater.....	1 15	1 00	85
Pale First Coater.....	1 35	1 20	1 05
Hard Drying Coater.....	1 35	1 20	1 05
Hard Drying First Coater	1 25	1 10	95
Extra Pale Second Coater...	1 30	1 15	1 00
Pigment Surfacers			
Flint-o-Lac	1 05	95	85
Detro Primer	85	75	65
Engine and Machinery Finishing Varnishes			
Pale Engine Finishing.....	2 25	2 05	1 90
Hard Drying Engine Finishing	2 10	1 85	1 60
Engine Finishing.....	1 80	1 65	1 50
Wagon and Implement Varnishes			
Wagon Coach	1 35	1 20	1 10
No. 13	1 10	95	85
No. 518	1 00	85	75
No. 448	90	75	65
Refrigerator Varnishes			
Elastic Refrigerator Coach	1 80	1 65	1 50
Quick Elastic Refrig. Coach	1 80	1 65	1 50
Extra Elastic Coach.....	2 45	2 30	2 15
Waterproof Spar and Exterior Varnishes			
Heavy Wash.-Mach. Coach	1 35	1 20	1 05
Canoe Spar	2 00	1 90	1 75
Extra Waterproof Coach.....	1 25	1 20	1 15
Quick Waterproof Coach.....	1 95	1 80	1 65
Pale Quick Waterp'f Coach	1 15	1 00	85
Clear Baking Varnishes			
Crystal White Bak'g Copal	4 00	3 90	3 80
Extra Light Baking Copal	3 00	2 90	2 80
Light Baking Copal.....	2 00	1 90	1 80
Baking Copal	1 50	1 40	1 30
Dryers, Asphaltums and Bronzing Liquids			
No. 1 Turp. Asphaltum.....	1 10	1 00	90
Champion Asphaltum.....	85	75	65
Newport Asphaltum.....	65	55	45
White Liquid Dryer.....	1 35	1 25	1 15
T. J. Dryer.....	1 15	1 05	95
U. J. Dryer.....	1 00	90	80

MAKERS OF ICE-EMULSION PAINTS, COLORED AND VARNISHES

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	1's	5's	Bbls.
039 Sahara Dryer	80	70	60
037 B. J. Dryer.....	65	55	45
453 Bronsing Liquid No. 1.....	1 45	1 35	1 25
454 Bronsing Liquid No. 2.....	95	85	75
455 Bronsing Liquid No. 3.....	85	75	65

Dull Finish Varnish

Mexco Finish <i>Et. 75</i>	1 85	1 75	1 65
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Detro Lac Varnishes

0126 D. C. Detro Lac.....	1 70	1 60	1 50
0127 D. C. Heavy Detro Lac.....	1 80	1 70	1 60
0130 D. C. White Detro Lac.....	2 20	2 10	2 00
01 Detro Lac	1 40	1 30	1 20
02 Heavy Detro Lac.....	1 50	1 40	1 30
06 White Detro Lac.....	1 90	1 80	1 70

Grinding Japan and Mixing Varnishes

Grinding Japan No. 13.....	1 80	1 50	1 40
Grinding Japan No. 8.....	1 60	1 50	1 40
Grinding Japan No. 2.....	1 00	90	80
Grinding Japan No. 410.....	70	60	50
Grinders' Dryer No. 357.....	1 15	1 05	95
Grinders' Dryer No. 116.....	55	45	35
Grinders' Mixing "A".....	1 90	1 80	1 70
" " " " "B".....	1 45	1 35	1 25
" " " " "C".....	1 05	95	85
" " " " "D".....	90	80	70
" " " " "E".....	1 00	90	80
" " " " "F".....	95	85	75
" " " " "G".....	85	75	65
" " " " "H".....	1 40	1 30	1 20

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

YACHT WHITE FINISH

We offer this as the most durable and beautiful paint for yachts that can be produced. When used according to directions, it dries quickly and hard, with a durable intense white surface that never fails to meet with the highest favor.

Gallon cans 2417 1 75

ALUMINUM ENAMEL

(Liquid)

SN29

For radiators, steam pipes, engines and hand rails, and for all purposes requiring a brilliant, durable finish. Stands extreme heat and cold and does not crack, peel or discolor.

Half pints..... 30 Quarts..... 95 Gals..... 3 60

STAINFLOOR FINISH

The hardest drying preparation on the market for floors, woodwork, furniture, etc. Stains and finishes in one operation. Does not obscure the grain of oak or other woods. For colors, prices, etc., refer to Trade Sales Catalog.

WALL-TONA

(Liquid)

The new flat finish for walls, ceilings, interior woodwork, etc., dries with a beautiful velvet effect. Does not require stippling and does not show laps. For color, prices, etc., refer to trade sales catalog.

INTERIOR ENAMELS

(Liquid)

These goods spread very easily, can be applied smoothly on a large surface without laps and dry with a handsome gloss finish. Splendid for use on the walls and ceilings, as this finish will stand washing and cleaning without injury. For colors and prices refer to Sanitary Enamel, Trade Sales Section.

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

MOTOR SOAP *SN-M-15*

A reliable vegetable oil soap to be dissolved in water for cleansing purposes of all kinds. Contains no animal fat or free alkali.

50's..... 7 Half barrels..... 6 1/2 Barrels..... 6

BRAS-SHINE

(Liquid)

489

A quick working, highly effective polish for use on brass or other metals. It will not scratch the finest surface. Being free from acid, it produces a polish which will remain longer without tarnishing or discoloring from atmospheric effect than is the case with other quick working polish.

Pints.....1 30 Quarts.....1 10 Gals..... 20 5's.....70

FURNITURE AND AUTOMOBILE POLISH *488*

This is the finest polish on the market for all varnished surfaces. It promptly removes stains, dust, finger marks, oil and dirt. It will eliminate small hair line scratches, preserves the original finish, renews the luster effect and leaves no oily residue on the surface to cloud or catch dust.

Pints.....2 60 Quarts.....2 20 Gals.....2 00 5's.....1 85

MARINE VARNISHES

Marine Spar.

A very elastic, durable varnish for all classes of work subject to the extremes of the weather. It is very light in color and may be used over the lightest wood. To secure durability and the natural elasticity of this varnish, it is made to carry a large proportion of oil and is not therefore a quick drier. It dries dust free in 7 hours and hard to use in 4 or 5 days.

Per gallon 3 25

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

No. 1 Spar. 01

A good durable varnish for general purposes, covering interior and exterior use. Is very easy working and elastic. A very fine product and for outside use it gives splendid results. It will dry dust free in 5 to 6 hours and hard in 48 hours.

Per gallon 2 00

Marine Exterior.

Somewhat similar to Marine Spar but is darker in color and quicker in drying. This is a splendid varnish for exposed woodwork on boats and is unexcelled for use in bathrooms, kitchens, etc. Dries dust free in 4 hours and hard in two to three days.

Per gallon 2 75

Marine Elastic Floor.

This is a very durable varnish which will not scratch, or mar under foot. Works very easily and freely and large surfaces may be finished successfully with it. It dries dust free in 3 hours and hard in 36 hours.

Per gallon 2 25

Hard Drying Floor. 059

Has good body, medium in color, works very freely under the brush, and dries hard over night. It is made from very substantial materials and proves extremely durable for floor use.

Per gallon 1 50

Marine Cabinet Interior.

A very fine easy working varnish which flows out full and even with a high gloss. It should be used on all interior cabin work where an exceptionally fine finish is desired. Dries dust free in three hours and hard in 24 hours. Will rub to a soft egg shell effect in three days and if desired, polishes the day following.

Per gallon 2 25

No. 1 Coach. 019

A good medium color varnish for general interior gloss work. It dries over night with an elastic finish and a splendid luster.

Per gallon 1 50

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

No. 1 Furniture. 022

A quick drying varnish for furniture or general wood-work. It will dry over night with a high gloss.
Per gallon 1 25

Sahara Drier. 039

An economical, reliable and uniform drier which may be used safely with paint mixes as it does not cause separation or curdling.
Per gallon 1 00

B. J. Drier. 037

A very satisfactory drier for general purposes and can be recommended for hastening the drying of deck paints, hull paints, etc.
Per gallon 75

AB-LU-ENT PAINT AND VARNISH REMOVER

This remover saves time, labor and money. It will not raise the grain or discolor the finest wood. The liquid should be brushed on vertical or upright surfaces and allowed to stand for from 15 to 20 minutes. The softened material should then be scraped off the surface, which should be wiped or washed off with a cloth moistened in benzine or wood alcohol.

We make semi-paste Abluent in heavy bodied form which stays wet on large surfaces for several hours, making it possible to go over the whole surface instead of treating and removing a square or two at a time.

Gal. Cans

Per gallon to transportation company... 1 42½
Per gallon to dealer in gallon cans..... 1 80

Semi Liquid (726)
" *Paste (741)*

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

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RAILWAY, STREET RAILWAY AND TRACTION PAINTS, ENAMELS AND VARNISHES

ROGERS RAILWAY VARNISHES

0131 Railway Coach Finish:—Is intended for exterior use on railway coaches. It is a pale and very elastic varnish which works freely under the brush, flows smoothly and evenly and dries with a rich, full gloss.

Gallon cans 3 80

0132 Railway Rubbing Varnish:—A very pale, elastic varnish for undercoat work; tough and durable. Dries to rub in 3 to 4 days without danger of sweating.

Gallon cans 3 00

0133 Inside Coach Finishing:—For the interior of railway coaches. Adapted for use on the most delicate woods and the finest work. Dries with a rich lustre and a very durable finish. May be rubbed if desired.

Gallon cans 2 75

0134 Inside Rubbing Varnish:—A pale elastic varnish for interior work. Dries well for rubbing and gives an excellent surface for the finishing coat. Will polish handsomely after being rubbed.

Gallon cans 2 50

Durable Inside Depot Varnish:—This varnish is light in color, elastic and durable. It is heavy-bodied yet very easy-working. It flows out free and even, dries dust free with a beautiful, rich gloss in 3 hours and hard in 24 hours. A varnish specialty qualified for use in public places.

Gallon cans 2 00

0135 Locomotive Finishing Varnish:—A clear varnish for finishing locomotives and tenders, heavy-bodied and possesses great durability and elasticity. Made to stand heat and tunnel gases.

Gallon cans 2 75

0136 Locomotive Rubbing Varnish:—A very elastic, durable piece of goods especially adapted for undercoating on locomotive work.

Gallon cans 2 50

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

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0137 Japan Gold Size:—For mixing Coach Colors to promote drying. Very pale and possesses more than twice the strength of ordinary Japans. Suitable for use with delicate shades. It is the best possible size for gilding.

Gallons cans 2 75

0138 Extra Coach Japan:—A very strong, pure turpentine dryer for hardening and drying Coach Colors. It does not become brittle and is therefore uniformly satisfactory in the preparation of all undercoats.

Gallon cans 2 00

039 Sahara Dryer:—A very good dryer for use in general paint mixes. It does not cause curdling or separation and does not affect Linseed Oil.

Per gallon 80

037 B. J. Dryer:—This is a very satisfactory drying agent and is particularly recommended, on account of its quality and price, for use in connection with freight car paints.

Per gallon 45

602 Railway Floor Varnish:—For Passenger, Baggage and Refrigerator Car floors. Of great durability and toughness, which specially qualifies it for rough usage.

Gallon cans 2 50

059 Hard Drying Floor Varnish:—Of good body, medium pale in color, works very freely under the brush and dries hard over night. It is made from very substantial materials and proves extremely durable for floor use.

Gallon cans 2 00

0140 Interior Refrigerator Car Varnish:—For inside of Refrigerator Cars. Perfect in working and drying quality, very elastic, and durable, made to withstand moisture, dampness, gases, etc.

Per gallon 1 75

(38) Japan Oil:—For Reducing freight car paint or semi-paste materials to proper consistency for application. This oil acts as a thinner and dryer and is used with great economy in the ratio of 2 to 3 parts Japan Oil to one part Linseed Oil. This proportion secures very

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good results. In semi-paste mixes use Japan Oil and Linseed Oil in equal parts.

Per gallon in barrels..... 40

Mezzo Finish:—A light colored, free-working piece of goods which dries with a half gloss and gives to a surface a beautiful, artistic effect. It dries dust free in 30 minutes and requires no rubbing.

Gallon cans 2 00

ROGERS INSULATING VARNISHES

For full description and prices, consult manufacturers section of catalogue.

ABLUENT Semi-Paste (741)
(Liquid and Semi-Paste) " Liquid (727)

A perfect paint and varnish remover. Saves time, labor and money. Will not raise the grain or discolor the finest wood surfaces. The liquid should be brushed on heavy and allowed to stand 15 or 20 minutes, when the softened material should be scraped from the surface. Where it is desired to work large surfaces, instead of doing a square at a time, recommend semi-paste Abluent made in heavy-bodied form and to remain wet on a surface, giving ample time for the entire space to be coated and to make one operation of the removal of the old material. Clean up the surface by washing it off with a cloth moistened in benzine or denatured alcohol.

One gallon cans..... 1 42½

FOR LOCOMOTIVES

Surfaces:—For building up and preparing the metal surfaces of locomotives and tenders in order to secure a good, smooth foundation for the color coat.

	Per Gallon
Locomotive Primer.....	2 50
Locomotive Surfacer.....	2 50

Leveling Coat:—To be used for the most part on wheels and metal parts which may be rough or pitted

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and require a knifing or plaster coat. Can also be thinned and used with a brush as an aid to sanding for getting a surface on other parts. Put up in 5, 10 and 25-pound pails.

ROGERS LOCOMOTIVE FINISH

The first ready-to-use Locomotive Black ever offered to the railroad trade. Dries quickly with a brilliant lustre, wears well, and stands up under severe usage when subject to smoke, tunnel gases, etc., proving very economical for locomotive painting. Recommended also for tenders, stacks, smoke jacks, buffer plates, safety chains, switch stands, etc. Black and Brunswick Green.

ONE COAT ENGINE FINISH

A specially prepared high-grade varnish gloss black for finishing locomotives and tenders in one coat after the surface has been brought up with surfacer, etc., to a smooth condition. This is an intense black of exceptionally easy-working properties, flows perfectly, dries without the sign of a brush mark, making it possible to secure on a good surface very fine results in one coat without any rubbing.

GOLD COLOR LETTERING

For lettering and lining on locomotive tanks, etc.
Finely ground in Japan Gold Size. Covers solidly and
holds a clear, sharp line.

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SIDE ROD AND TIRE ENAMEL

Made for the purpose of giving tires and side rods a full-bodied gloss coat. Made in Steel Color only.

Gallon cans 2 50

CAB GREEN ENAMEL

(Liquid)

Made for interior use on cabs; is very tough and elastic. Will cover over black with one coat; dries quickly with a beautiful enamel finish. Stands the strain perfectly to which it is subject. Made in three shades of Green, Light, Medium and Dark.

Gallon cans 2 50

JACKET ENAMEL

(Liquid)

This is a one-coat, high-gloss finish, very tough and durable, intended for use on locomotive jackets. Dries quickly, does not scale or spot and is an excellent rust preventative. Made in Light, Medium and Dark Russia.

Gallon cans 2 50 297

FRONT END FINISH

(Liquid)

Our Front End Finishes are made to withstand the effects of severe heat without blistering or scaling. They do not build or pile on the surface but burn off gradually, leaving a good surface for re-finishing. The Noburn Front End Finish has a flash point of 425 degrees and a burning point of 448 degrees. It is a very safe, satisfactory article.

	299	Barrels
2896 Noburn Front End Black and Gray...	85	
Black Gloss Front End.....	85	
2895 High Heat Front End.....	85	

TRUCK AND FRAME BLACK

(Liquid) 2992

Affords absolute protection to a surface and gives a handsome finish. Works on either wood or metal.

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DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

spreads easily, dries smooth and is very tough and elastic Gallon cans, \$1.40.

ROLLING STOCK EQUIPMENT

CAR BODY PRIMER

(Liquid)

Produces a close drying, elastic foundation, very solid and non-porous. For burnt off work on metal surfaces should be thinned with one-half pint turpentine to the gallon. The first coat should stand two days before re-coating and one day between second and third coats. Made in dark for use under Reds, Greens, etc., and light to be used under Yellows.

	Gal. Cans
Car Primer	2 50
Car Surfacer, dark.....	2 50
Car Surfacer, light.....	2 50

SANDING SURFACER

For use where sandpaper is used instead of rubbing stone for getting a surface. The manner of application, drying time, etc., the same as with regular surfacer.

	Gal. Cans
Sanding Surfacer, light.....	2 50
Sanding Surfacer, dark.....	2 50

BODY LEVELING COAT

Leveling coats are used where a knife system of surfacing is preferred. The color used depends on the color in which the car is to be finished. Put up in 5, 10 and 25-pound pails.

	Per Pound
Black, Red, White, Yellow.....	12

CAR BODY COLORS

These goods are absolutely uniform in shade and quality. They will stand reducing with more spirits of turpentine to the pound of color, spread further and

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cover better than any other colors made. They do not require the additional oil or varnish as a binder.

	Per Gal. in Varnish	Per lb. in Japan
Permanent Tuscan Red.....	2 50	35
Fast Mail White.....	3 00	24
Orange Big Four.....	3 00	30
Royal Blue B. & O.....	3 00	37
Chrome Yellow Med.....	3 00	30
Tuscan Red	2 50	24
Pullman Old	2 50	22
Pullman New	2 50	22

HAND RAIL BLACK

(Liquid)

A beautiful, smooth, fast-drying, elastic Black for iron, hand rails, brake wheels and metal parts. Flows out smoothly without brush marks.

Gallon cans 1 80

ROUGH IRON BLACK

An excellent Black of an asphaltum character. Although moderate in price, it can be used with perfect assurance of good results. For the best service, however, we recommend the use of Hand Rail Black.

Per gallon 80

FENDER BLACK

For street railway trade. This Black is specially made for traction cars. It covers solid in one coat, is a free worker, dries quickly with a handsome black gloss. It is particularly recommended for use on fenders, trolley poles and other iron parts requiring a gloss black finish.

Per gallon 1 50

STANDARD TRUCK AND PLATFORM COLORS

These colors are furnished ready to use and in paste form. Standard Truck Color in Varnish is ground in a very durable varnish and should be sold wherever the price will permit. High gloss color is intended for use

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where a good gloss finish is desired and where it is necessary to paint more frequently at no greater expense. Also furnished ground in Japan, quick drying. Put up in gallon cans in varnish and high gloss. In Japan in five and ten-pound press cans.

	In Varnish	High Gloss	In Japan
Pennsylvania	2 50	1 50	22
Brown	2 25	1 50	17
Pullman, Old	2 25	1 50	17
Olive Green	2 25	1 50	17
Vanderbilt Lines	2 25	1 50	17
Pullman, New	2 25	1 50	17

RAILWAY FLOOR PAINTS

These Floor Paints are made from the best of pigments, ground extremely fine in a hard-drying vehicle, which produces a pleasing lustre and gives a coat which is very tough. It will dry hard in over night time.

Fawn	Yellow	
Terra Cotta	Dust	
Gray	Lead Color	
Light Brown	Red	
Indian Red	Olive Green	
Gallons	5's	Barrels
1 30	1 25	1 20

HEAD-LINING COLORS (Paste)

These colors are selected with special reference to their adaptability for car ceiling work.

No.	In 5-lb. Pails Per pound
2200.....	20
2201.....	20
2202.....	20
2203.....	20
2204.....	20
2205.....	20
2206.....	20
2207.....	20
2208.....	20
2209.....	20
2211.....	20

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TRUSS-PLANK ENAMELS

An easy-working varnish paint. Will cover perfectly in one coat over a previously painted surface and is very durable. For use on truss-planks, iron seats, pipes, foot rests, etc.

	Gal. Cans
Mahogany	1 60
Tuscan	1 60

RATTAN SEAT ENAMEL (Liquid)

A one-coat solid-covering Enamel, made in a natural Rattan Color, for renovating and preserving rattan seats. Dries hard over night.

Gallon cans	2 50
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INTERIOR CAR ENAMELS

For inside walls and ceilings of baggage, mail, express cars and cabooses. Work easily, cover well and dry with a good varnish gloss. Very little work is required to keep the surface clean and bright. Ordinarily one coat will answer.

Ivory White	Pearl Gray
Primrose	Satin Green
Flesh	Emerald Green
Golden Brown	Sky Blue
Mauve	Willow Green
Pink	Grass Green
Gallon cans	1 65

METAL ROOF PRIMER

Dark Gray in color, for use on hoods of passenger cars and metal roofs. Very elastic and durable.

Gallon cans	1 50
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DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

CANVAS PRIMER

A special preparation, made expressly for application to canvas before it is laid, rendering it moisture proof and greatly prolonging its life on car roofs.

Per gallon in barrels..... 1 65

COACH-ROOF PRESERVER

Made to stand successfully the effects of the elements. It is the best preserver on the market for use on coach roofs. It is somewhat slow in drying but proves extremely durable and is not affected by change in temperature. Black, Red and Olive Green.

Gallon cans 1 50

CABOOSE, REFRIGERATOR AND LINE CAR COLORS

CABOOSE RED

Made in the standard caboose color, either in liquid form ground in high-grade wearing Body varnish or in paste form ground in Japan, to dry flat. The color used is the most permanent obtainable. Is very handsome and durable.

Liquid per gallon 3 00 Paste per lb.... 45

STANDARD REFRIGERATOR AND LINE CAR COLORS

This line is perfect for refrigerator use, as the shades are strong and very permanent. The pigment is ground extremely fine, which gives splendid spreading capacity.

	Gallons	5's	Barrels
Red	85	80	75
Green	1 70	1 65	1 60
Blue	1 70	1 65	1 60
*Light Yellow.....	1 70	1 65	1 60
*Medium Yellow....	1 70	1 65	1 60
*Orange Yellow....	1 70	1 65	1 60
*Armour Yellow....	1 70	1 65	1 60
White	1 65	1 60	1 55

*Colors should be thinned with one gallon of boiled linseed oil to each gallon of paint.

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BOX, GONDOLA AND STEEL CARS STANDARD FREIGHT CAR PAINT

This is the best and most economical method of painting freight cars that has ever been advocated. Less of the material is required, the work is done in quicker time and it shows splendid results. For three-coat-work thin as follows with pure boiled Linseed Oil:

First coat—3 gallons of Oil to 1 of Paint

Second coat—2 gallons of Oil to 1 of Paint

Third coat—1 gallon of Oil to 1 of Paint

For ordinary repair work, thin with one gallon of Oil to one of Paint. Put up in five-gallon cans and barrels.

	Per Gal.
Princes Metallic	75
Venetian Red	75
Half Venetian Red and Princes Metallic.....	75
Magnetic Mineral	75

GONDOLA AND COAL CAR BLACK

This paint is better and more economical than any Black yet produced for the purpose; is better in color, will spread further and wear longer. Should be thinned for use with one gallon of pure Linseed Oil to each gallon of Paint. Put up in gallons, five gallons and barrels.

Per gallon 1 00

STANDARD STEEL TRUCK COLOR

For steel trucks of freight cars, etc. Should be thinned for use one gallon of pure boiled Linseed Oil to each gallon of paint. Put up in gallons, five gallons and barrels.

Grayish Black, per gallon in barrels.... 1 15

ROUGH IRON BLACK

This is a good, free-working, high gloss Black for general purpose use around steel cars. It spreads smoothly, is a fairly quick dryer and is a good weather paint.

Per gallon in barrels..... 50

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STENCIL COLORS (Paste)

These shades are very permanent and nothing better for the purpose intended can be made. They will not chalk, flake or scale and the White is of a better color than the average white lead. Red, blue and yellow are especially designed for stenciling refrigerator and line cars.

	In 25-lb. Pks.
Stencil White	8
" Black	24
" Red	50
" Blue	23
" Yellow	23

STRUCTURAL AND DEPOT PAINTS AND SIGNAL COLORS

TARGET ENAMELS (Liquid)

These Enamels are made very hard drying, stand without checking or cracking and hold their color without fading or darkening.

	Gallons
Red	3 50
White	3 00
Green	2 50
Yellow	3 00
Black	2 50

ROGERS STEEL PROTECTOR

A Paint specially qualified for use on iron to withstand the exceptionally hard exposure to the weather, gases, etc. Both pigments and vehicles are selected for their anti-corrosive tendencies. Put up in gallons, five and barrels.

	Gallons	5's	Barrels
Black ^{3d}	1 25	1 20	1 15
Brown ²⁵	1 35	1 30	1 25
Olive Green ²⁶	1 35	1 30	1 25

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NEW PROCESS RED LEAD

Rogers-New Process Red Lead represents a new discovery in the method of manufacturing Red Lead in Oil, by which the well-known tendency of Red Lead to settle and become hard in the package is entirely overcome. By this new method Red Lead in paste form remains permanently in a soft, buttery condition, even when the packages are left open and exposed to the air for considerable time.

Another important point is that the New Process Red Lead will not run or sag on metal work when applied in a good free working consistency.

We give you below ten reasons why New Process Red Lead is far superior to other Red Leads on the market:

First: New Process Red Lead is the first pure Red Lead in Oil that will stay in suspension. It is not to be confused with the red lead paints formerly made by ourselves and others, but running only from 55% to 65% red lead—the pigments in New Process Red Lead is strictly pure Red Lead—nothing else. It never cakes or gets hard, and can always be easily stirred.

Second: It carries enough oil to make a durable film. Pure red lead has never before done this.

Third: It can be spread in an even film over the surface. This has been impossible before because it had been necessary to mix it so thick in order to keep it from running off the job that it could not be spread out evenly.

Fourth: It will not "run" or "sag" on any part of the surface. This means that it can be spread over rough castings or surfaces without pulling away from the sharp edges, as so often is the case with ordinary red lead.

Fifth: It will cover from 25% to 40% more surface than pure Red Lead in Oil mixed by hand on the job. This is due to its oil carrying capacity as compared with red lead made in the old way, and also because of the careful grinding in modern mills.

Sixth: New Process Red Lead will save 25% in labor cost of application. In using old methods of red lead painting the workman is obliged to use it so heavy and thick that the painting is a slow, tiresome process. Furthermore, from the beginning of the job to the end it is necessary to spend nearly as much time in keeping the paint stirred as in putting it on. New Process Red Lead spreads easily, and once stirred, stays stirred like an ordinary paint.

Seventh: New Process Red Lead will wear longer. Its oil-carrying capacity alone assures this. Our tests have proved it, and so will any fair trial that may be made.

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NEW PROCESS RED LEAD—Continued

Eighth: New Process Red Lead saves waste. The tendency of hand-mixed red lead to settle and cake hard has always entailed a very large percentage of waste in material that had to be thrown away because it could not be used. New Process Red Lead, because it always remains soft, can be used without any waste of this kind. Another important point is that it will not spoil in an open package.

Ninth: New Process Red Lead saves 25% on original material cost. This is in addition to and apart from saving in labor, saving due to covering capacity and saving of waste. Most specifications call for 22 lbs. to 23 lbs. of red lead to a gallon of linseed oil. Taking the lower figure, 22 lbs. of pure dry lead at 6¼c a pound and 1 gallon of linseed oil at 70c, make 11-3 gallons of paint cost \$2.45, or a cost of \$1.85 per gallon. One gallon of New Process Red Lead costing \$2.25 and one gallon of linseed oil at 70c make two gallons of paint costing \$2.95, or a cost of \$1.47½ for one gallon. These figures will vary with the market fluctuations. You take at any time New Process Red Lead at \$2.25 and oil and lead at the market price, and the comparison will show the same relative difference.

Tenth: New Process Lead is the only non-settling Red Lead paint on the market the pigment of which is strictly pure red lead, and that only.

It is put up in three forms:

New Process Red Lead in Oil. (Paste.) This will be sold in the Trade Sales Department in 1 lb. packages. To the manufacturing and railway trade at the following net prices:

25 lbs.	100 lbs.	Half-barrels
10c	9¼c	9c

New Process Red Lead No. 1. (Semi-Paste.) This material is sold by the gallon and may be thinned for use gallon for gallon with either boiled linseed oil or linseed oil and any of the various reducers commonly used for this purpose. This material will weigh 19¼ lbs. per gallon. The following net prices are per gallon:

Gallons	5-Gallons	Half-barrels
\$2.35	\$2.20	\$2.25

New Process Red Lead No. 2. (Liquid.) Mixed ready for use. This is a light fluffy red lead in oil, weighing about 12¼ pounds per gallon. Where moderate cost is an important consideration, New Process Red Lead No. 2 may be thinned still further. Sold at the following prices:

Gallons	5-Gallons	Half-barrels
\$1.60	\$1.55	\$1.50

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

GRAPHITE PAINT

For structural steel work, metal poles, switch stands, etc. No better paint can be produced. It affords perfect protection against rust. It will cover from 800 to 1000 square feet one coat to the gallon. It is made from graphite carrying the proper percentage of pure carbon for use as a paint and is far superior to most graphite mixes on the market. Put up in gallons, fives and barrels.

	Gallons	5's	Barrels
No. 4 Olive Green <i>144</i>	1 25	1 20	1 15
No. 5 Brown <i>145</i>	1 25	1 20	1 15
No. 7 Natural <i>146</i>	1 25	1 20	1 15
			Bbls. & ½ Bbls.
Graphite A <i>139</i>			1 00
" B <i>142</i>			90
" C <i>141</i>			80
" D <i>143</i>			70

Graphites A to D are put up in barrels and half barrels only.

SMOKESTACK BLACK *155*

Made specially to stand high temperature without turning gray, cracking or checking. Put up in gallon and five-gallon cans.

	Gallons	5's
Per gallon	95	90

POLE PAINTS

(Liquid)

For poles, cross-arms and other similar surfaces.

	Gallons	5's	½ Bbls. & Bbls.
White	1 55	1 50	1 45
Olive Green, Lt.	1 05	1 00	95
Drab	1 05	1 00	95
Black	95	90	85
Olive Green, Dk.	1 05	1 00	95
Dark Green	1 10	1 05	1 00
Bright Red	90	85	80
Maroon	1 10	1 05	1 00

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

STATION PAINT (Liquid)

A first class machine-made paint, the pigments of which are thoroughly incorporated in the oil and ground to the finest degree. Will cover more surface than lead in oil and prove vastly superior in wearing qualities and durability. Put up in gallons, five gallons and barrels in the following colors:

Outside and Inside Gloss White	No. 44—Straw Color
No. 21—Sage Green	No. 15—Gray
No. 10—Cream Stone	No. 50—Light Brown
No. 41—Terra Cotta	No. 20—Silver Gray
No. 14—Manilla	No. 18—Light Drab
No. 9—Cream Color	No. 30—Bronze Green
No. 29—Light Olive Green	No. 48—Light Willow Green
No. 49—Apple Green	No. 33—Dark Olive Yellow
No. 37—Red	No. 46—Med. Willow Green
No. 45—Colonial Yellow	No. 25—French Gray
No. 19—Stone Color	No. 24—Drab

	Gal. Cans
Outside and Inside Gloss White.....	1 55
Inside Flat White.....	1 85
Colors	1 50

CONCRETE FLOOR PAINT

An air-drying elastic preparation made for use on cement floors. It has strong binding and adhesive qualities and greatly enhances the appearance of the floor. In engine rooms, power plants, etc., trouble is often experienced from the dust of the cement, causing friction by settling on the bearings and journals. This difficulty is obviated where Concrete Floor Paint is used, as it prevents the grinding of the concrete by foot traffic and anchors the dust. Owing to the widely varying nature in the character of different cement floors, no guarantee must be offered on paints applied to cement. Put up in gallons, fives and barrels.

Per gallon in 5's..... 1 25

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

CONCRETE SEALER

In painting on concrete the best results are obtained by first surfacing or treating the floor with Concrete Sealer. It assists in closing up the pores in the cement and acts as a neutralizer to counteract the active effect of free alkali which often exists. No guarantee should be offered on cement coatings. Put up in gallons, fives and barrels.

Per gallon in 5's..... 60

WALL-TONA

For price and list of colors refer to Trade Sales Catalog.

CREO-STAINS

For price and list of colors refer to Trade Sales Catalog.

ALUMINUM ENAMEL

For price refer to Manufacturers' Section of Catalog.

MOTOR SOAP

For price refer to Manufacturers' Section of Catalog.

COACH COLORS—QUICK DRYING

For prices and list of colors refer to Manufacturers' Section of Catalog.

PAINTERS' COLORS IN OIL

For prices and colors refer to Trade Sales Catalog.

HIGH GLOSS WALL AND CEILING ENAMEL

Sell Sanitary Enamel—refer to Trade Sales Catalog.

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

DETROIT. WHITE LEAD WORKS, DETROIT, CHICAGO, BUFFALO

PASTE WOOD FILLERS

For price refer to Manufacturers' Section of Catalog.

GRAINING COLORS

For price refer to Trade Sales Catalog.

DISTEMPER COLORS

For price refer to Trade Sales Catalog.

STAINFLOOR FINISH

For price and colors refer to Trade Sales Catalog.

VARNISH STAIN

For price and colors refer to Trade Sales Catalog.

OIL STAINS

For price and colors refer to Trade Sales Catalog.

PENETRATING WOOD STAINS

For price and colors refer to Trade Sales Catalog.

BRAS-SHINE

(Metal Polish)

For price refer to Manufacturers' Section of Catalog.

FURNITURE AND AUTOMOBILE POLISH

For price refer to Manufacturers' Section of Catalog.

POWER HOUSE SPECIALTIES

Machine Paints, Fillers, Sealers, Oil Proof Enamels,
etc., refer to Manufacturers' Section of Catalog.

MAKERS OF HIGH-GRADE PAINTS, COLORS AND VARNISHES

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