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PAINTS AND VARNISHES
PLASTICS

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PRODUCTS



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SALES DEPARTMENT
E. I. DU PONT DE NEMOURS & CO. INC.

EXPLOSIVES DIVISION
MILITARY SALES DIVISION
PYRALIN DIVISION

CHEMICAL PRODUCTS DIVISION
PAINT AND VARNISH DIVISION
ACIDS AND HEAVY CHEMICALS DIVISION
LITHOPONE, DRY COLORS, PIGMENTS DIVISION
DYESTUFFS SALES DEPARTMENT

DU PONT FABRIKOID CO.
E. I. DU PONT DE NEMOURS EXPORT CO.

DUP 000182

PAINT AND VARNISH MANUFACTURERS

PARALIN SHEETING. For making up color sample cards.
 CHARCOAL. For the manufacture of paint.
 WOOD OIL. A solvent.
 REFINED TAR. For making preservative tar paints.
 CREOSOTE. For making shingle stains and preservative paints.
 NAPHTHA (DIFFERENT GRADES AND 180° BENZOL).—As solvent and paint vehicle.
 BENZOL. Solvent and paint vehicle.
 AMYL ACETATE. For making japans and lacquers.
 BRONZE POWDERS. For making bronzes.
 BRONZING LIQUIDS. For making bronze and aluminum paints.
 PYRONYLIN. For manufacturing lacquers, bronzes, enamels and metal paints.
 PYRONYLIN SOLUTIONS. For waterproofing compounds.
 REFINED FUEL OIL. A solvent.
 DRIERS. For shipping and containers.
 BARBELS. For shipping and containers.
 ACIDS: SULPHURIC, HYDROCHLORIC AND NITRIC. For reagents.
 ALUM. For making colors.
 PASTE COLORS. For making paints.
 COLORS IN OIL. For tinting.
 INDUSTRIAL PAINTS AND VARNISHES. For decorating, finishing and preserving all classes of plant equipment.
 CARBO PAINT. For preserving metal work.
 BARIUM CHLORIDE. For making pigments.
 PIGMENTS. For making paints.
 LITHARGE. For color base and drier.
 RED LEAD. For making paints and color base.
 FLAKE WHITE. For making paints.
 WHITE LEAD. For making paints.
 DRY COLORS. For making mixed paints and color varnishes.

PAINTERS

A complete line including the following:

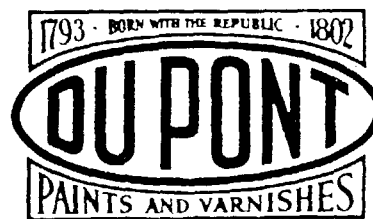
Paints	Wood Fillers
Wood Primers	Varnishes
Metal Fillers	Metal Primers
Graining Compound	Waxes
White Lead	Red Lead
Shellac	Japan
Driers	Naphtha
Litharge	Lithopone
Pigments	Dry Colors
Bronze Powders	Bronzing Liquids
Gold Enamel	Aluminum Paint
Creosote	Wood Preserving Paints
Metal Preserving Paints	Enamels
Lacquers	Spraying Paints
Brushing Paints	Dipping Paints
Stains	Thinners
Industrial Varnishes	Acid Resisting Paints

PAPER MANUFACTURERS

SULPHATE OF ALUMINA.—For making paper.
 CAKE ALUM.—For paper sizing.
 PAINTS AND VARNISHES.—For painting and finishing plants, offices, furniture, equipment, machinery, tools, boilers, stoves, stacks and concrete.
 ALUM. IRON FREE.—For making paper.
 ALUM. PEARL.—For making fine paper.
 ALUM. SIZING.—For making paper sizing.
 SULPHURE (SIX STANDARD GRADUATIONS). In manufacturing certain kinds of paper.
 NITRE CAKE.—For bleaching.
 PULP COLORS.—For coated and glazed paper, colored, scrap paper.—For making paper.
 SALT CAKE.—For making paper.
 BAGS (NITRATE OF SODA). For making paper.

Paints and Varnishes

(Paints and Pigments Division)



The Du Pont line is complete in practically every detail and includes a variety of paints, varnishes, stains, fillers and kindred accessories for every painting or finishing purpose. It is built from high-grade materials most of which are drawn from the Company's mines and chemical factories.

TRADE SALES

DU PONT PREPARED PAINT.—This is an exceptionally high-grade, first quality, scientifically prepared paint for all painting purposes and especially for painting the best classes of houses where a beautiful protective coating is desired. The paint is made full body which insures a dense covering or "hiding" power. The quality represents true economy combined with extreme durability. The paint is free from internal chemical action. No expense is spared to obtain the best materials from which to prepare this paint, and chemical and physical laboratories are maintained to keep raw materials and finished products up to standard. This paint is composed of basic carbonate white lead, zinc oxide, a small proportion of reinforcing inert pigments, linseed oil and drier. It will cover from 350 to 400 square feet to the gallon, two coats. There are 30 standard colors in addition to inside flat and gloss whites, outside white, and black. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon, gallon and 5 gallon cans.

DIRECTIONS.—All unpainted exterior woodwork should be given three coats of Du Pont Prepared Paint, one priming coat and two finishing coats, according to these directions.

New Work

Preparation.—Surface should be dry, clean and smooth. Grease and stains should be removed with benzine. All nail holes and surface imperfections should be puttied after priming coat.

Priming Coat.—For close-grained, non-absorbent woods, Du Pont Prepared Paint should be thinned with equal parts of pure raw linseed oil and of pure spirits of turpentine. For soft woods like white pine or poplar, Du Pont Prepared Paint should be thinned with three parts of pure raw linseed oil and one part of pure spirits of turpentine. For hard or yellow pine, cypress, Norway pine and other resinous woods, Du Pont Prepared Paint should be thinned with one part of raw linseed oil and three parts of pure spirits of turpentine.

Second Coat.—Du Pont Prepared Paint should be thinned with two parts of pure raw linseed oil and one part of pure spirits of turpentine.

Third Coat.—The paint should be applied as found in the package, except where conditions warrant the use of a little turpentine or linseed oil.

Old Work

Preparation.—Old sealed and blistered paint should be scraped and wire brushed. All bare spots should be primed before finishing coats are applied.

First Coat.—Du Pont Prepared Paint should be thinned with two parts of pure raw linseed oil and one part of pure spirits of turpentine.

Second Coat.—The paint should be applied as found in the package, except where conditions warrant the use of a little turpentine or linseed oil.

(NOTE.—In repainting, if surface is in good condition, and the color is not to be changed, one coat will be sufficient, as directed for second coat.)

Used or Sold by

Painters	Mining Companies
Architects	Manufacturing Companies
Property Owners	Municipalities
Home Owners	Steam & Electric Railways
Real Estate Dealers	Steamship Companies
Builders	Dealers
School Boards	Jobbers

Used for

Painting buildings and exterior wood surfaces of all kinds.

QUEEN ANNE HOUSE PAINT.—This is a second grade house paint of excellent quality for the price. It will give satisfaction when purchased for what it is. The Inside Flat White is well adapted for use as a cheap flat wall paint. Du Pont Oval is not shown. Sold under N. E. Oil, Paint and Varnish Company label. One gallon will cover 300 square feet, two coats. Furnished in 18 colors, in addition to 3 whites and a black. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon, gallon and 5 gallon cans.

Used or Sold by

Painters
Property Owners

Dealers
Jobbers

Used for—Painting houses.

DIRECTIONS.—Stir the paint thoroughly before using.

First Coat.—The paint should be reduced with pure, raw linseed oil to easy brushing consistency, especially where the lumber is spongy. For resinous woods like Southern or Norway pine, pure spirits of turpentine should be used for thinning instead of oil.

Second Coat.—The paint should be reduced in the same manner as the first coat, less thinner, however, being required for this coat.

Third or Final Coat.—The paint should be applied as found in the container.

In repainting old surfaces, see that all loose paint is scraped off and that the work is smooth, clean and dry.

ALUMINUM PAINT.—This is a ready-for-use, quick drying, aluminum paint in a varnish vehicle. It is adapted for both inside and outside use. It gives a bright, silvery, non-tarnishing surface. One pint will cover 125 square feet, one coat. Packed in $\frac{1}{8}$ pint, $\frac{1}{4}$ pint, $\frac{1}{2}$ pint and pint cans. When applying use a camel's hair brush.

Used or Sold by

Decorators
Painters
Property Owners
Hotels

Metal Workers
Piano Manufacturers
Lighting Fixture Manufacturers
Organ Manufacturers
Grill Work Manufacturers

Plumbers
Dealers
Jobbers
Public Buildings
Leather Specialty Manufacturers
Art Wire Workers
Steam Fitters Supply Houses
Toy Manufacturers
Metal Furniture Manufacturers

Used for—Giving a silvery finish to wood, composition and metal surfaces such as found on radiators, gas, water and steam pipes, piano and organ parts, toys, grill work, furniture and specialties.

DU PONT ANTOXIDE (Rust Inhibitive).—This is a high-grade, rust-inhibitive paint made with a varnish-like vehicle that prevents moisture attacking the metal which causes rust. It curbs progressive oxidation where it has begun and withstands acid fume conditions to an unusual degree.

Made in four colors as follows: red, bronze green, maroon and black. Covers approximately 750 square feet to the gallon, one coat.

Preparation.—All iron and steel work should be cleaned of scale, rust and dirt before painting.

Finishing.—Shop Coat: All structural metal should receive one shop coat of Du Pont Antoxide Red.



Field Coats.—Cast iron columns should not be painted until after inspection. Where surfaces in riveted work touch each other, they should be painted before assembling. After erection, all work should be painted with two coats of Du Pont Antoxide, color to be selected. Where structural steel is already delivered on the field with shop coat of red lead, two coats of Du Pont Antoxide should be applied after erection.

(NOTE.—Where galvanized iron is used, special treatment is required before painting. Special information will be furnished on request.)

Used or Sold by

Architects	Acid Plants
Builders	Contractors
Construction Engineers	Counties and Towns
Chemical Works	Dye Works
Factories	Mines
Mills	Paper Mills
Railroads	Shipyards
Smelters	Dealers
Jobbers	

Used for

Structural Iron and Steel	Lamp Posts
Boilers	Pipe Lines
Bridges	Pumps
Breweries	Paper Mill Digestors
Corrugated Iron and Steel	Piers and Wharves
Elevators	Railings
Fencing	Railroad Equipment
Fire Escapes	Standpipes
Gasometers	Ship Decks
Water Towers	Roofing
Ventilators	Smokestacks
Tanks	Skylights
Towers for High Tension	Steel Sash
Electric Transmission	

Auto Finishes

Auto Enamel
Ground Coat
Lamp Enamel
Fender Enamel
Aluminum Paint

Top Renewer
Seat Dressing
Filler and Surfacer
Clear Finish

These finishes are prepared to improve the appearance of the used car. The enamels are free-flowing enamels of the very highest quality, greatly superior to automobile and carriage paints. The proper ground coats or undercoats necessary to lay a proper foundation for the best automobile finish are prepared for these colors. They produce not only beautiful but durable finishes and add much to the appearance and to the resale value of the automobile.

AUTO ENAMEL.—This is a high-grade auto enamel for renewing the finish on used cars. Superior to ordinary auto and carriage paint. Composed of zinc oxide and tinting material in a varnish vehicle. Made in six colors and black. One quart will cover the surface of an automobile.

DIRECTION.—When the surface is in good condition and it is desired simply to freshen the appearance of the colors, proceed as follows: Clean off thoroughly the dust, dirt and grease. Brush the surface with a stiff brush or rub with a cloth, using benzine or turpentine to cut the grease and the dirt. Sandpaper lightly to cut the high gloss, then apply one or two coats of Auto Enamel of the shade desired. If an exceptionally high finish is desired, a coat of Clear Finish should be used for the last coat.

When the color is to be changed or the surface is in bad condition, special attention is required. After cleaning off all foreign matter, sandpaper carefully to break off loose particles and to smooth up the rough places where the paint is cracked.

Parts where the paint has chipped off should be primed with Ground Coat. Deep cracks and dents should be filled with Filler and Surfacer as it comes from the can, knifed on smooth. Allow this to dry at least eight hours, then sandpaper off level. Thin some Filler and Surfacer with turpentine to a brushing consistency. Apply one or more coats as may be necessary to fill small cracks and dents. Brush each coat *across* the preceding coat, eight hours apart, and sandpaper each coat smooth with fine sandpaper. Then apply one or two coats of Ground Coat, using the color indicated as the necessary undercoating for the final coat of Enamel. Sandpaper lightly between coats. Only one coat of Ground is necessary if it hides the old surface. If found necessary to reduce the Ground



Coat, use only pure turpentine. Then apply one or two coats of Auto Enamel using the desired color. A coat of Clear Finish over the Enamel will improve the appearance of the car and add to the durability of the Enamel. Should the Enamel appear too heavy as it comes from the can, add a little pure turpentine and nothing else.

GROUND COAT.—This should be used in connection with Auto Enamel where it is desired to change the color or where the surface is in bad condition. Composed of basic carbonate white lead, basic sulfate white lead, zinc oxide, silicious matter and tinting material in a varnish vehicle. Made in cream, gray and red. One quart will cover the surface of an automobile, one coat.

LAMP ENAMEL.—This is a high-grade black enamel producing an eggshell finish. On account of its heat resisting properties it is especially adaptable for finishing lamps and other metal parts. It is rustproof and stands hard wear. One half-pint will cover four average lamps.

FENDER ENAMEL.—It is used on fenders and similar metal parts. It produces a jet black finish with a high gloss. It is rustproof, durable, easily applied and dries quickly. One quart is sufficient for an automobile. Before applying clean the surface so that it is smooth and dry. Apply with a varnish brush in a warm temperature. Use pure turpentine if thinning is necessary.

TOP RENEWER.—This is an application for restoring mohair, leather and Fabrikoid tops to their original freshness. It dries with a deep black finish and makes tops waterproof. It should not be used on rubber tops. One pint will cover a top, one coat.

SEAT DRESSING.—This is prepared especially to preserve leather and Fabrikoid cushions and upholstery. Keeps them soft and pliable. Dries quickly and will not rub off on the clothing. One quart will cover 125 square feet, one coat. Before applying clean the surface thoroughly, using gasoline to remove oil and grease. Apply with a soft varnish brush. Allow at least an hour to dry before using. If necessary to thin use banana oil (amyl acetate).

FILLER AND SURFACER.—This is a filler and surfacer to use in filling cracks and dents. It gives a smooth foundation for the ground coat and for the enamel.

CLEAR FINISH.—This is a high-grade varnish for finishing gears and bodies. Also used as a final coating over Auto Enamel where an exceptionally fine finish is desired. It produces a high gloss which will not spot or "bloom." One quart will cover 125 square feet, one coat.

ALUMINUM PAINT.—For painting engine and parts. (See page 132.)

All of the above are packed in half-pint, pint and quart cans. Black Auto Enamel is packed also in gallon cans.

Used and Sold by

Auto Owners	Used Car Dealers
Garages	Wagon Works
Taxicab Companies	Dealers and Jobbers
Auto Repair Shops	Auto Refinishers

Used for—Refinishing used or old autos.

BARN AND ROOF PAINT.—This is an economical mineral paint for barns, roofs and all exterior wood and metal surfaces. It has a good body, withstands severe exposure, works easily under the brush, and is permanent in color. It will cover 250 square feet to the gallon, two coats. Although it is prepared ready for use the first or priming coat should be thinned with pure raw linseed oil and turpentine. Furnished in bright red, brown and gray. Packed in quart, gallon and 5 gallon cans, $1\frac{1}{2}$ barrels and barrels.

Used or Sold by

Painters	Property Owners
Manufacturing Companies	Dealers
Farmers	Jobbers
Dairymen	

Used for

Barns	Pavilions
Roofs	Posts and Poles
Sheds	Metal Surfaces
Fences	

BATHTUB AND REFRIGERATOR ENAMEL.—This is a white enamel excellent in quality and especially adapted for finishing or refinishing bathtubs and refrigerators both on interior and exterior surfaces. It produces a porcelain-like glaze that is not affected by temperatures from 32° to 212° F. It dries to a hard surface which can be scrubbed with hot or cold water. It keeps the interior of the refrigerator in a sanitary condition and will not taint foodstuffs. One pint will cover in one coat the interior and the exterior surfaces of a bathtub or of a refrigerator.

DIRECTIONS.—Thoroughly clean the surface, using benzine to remove grease or soap deposits. Have the temperature of the room 70° F. or higher. Apply first coat of White Enamel Undercoat, painting from the top down and finishing the side before doing the bottom. Let this coat dry 24 hours, and sandpaper lightly with number 00 sandpaper. Apply one or two additional coats of White Enamel Undercoat, letting each coat dry thoroughly. Sand each coat. The last coat of White Enamel Undercoat should be especially well rubbed down. Over this flow on two coats of Bathtub and

Refrigerator Enamel, sanding lightly between coats. If the enamel is too stiff to work easily, thin with a very small amount of pure turpentine. Too much turpentine will dull the gloss. Allow 24 hours for the first coat to dry.

Used or Sold by—Manufacturers of bathtubs and refrigerators, householders, plumbers, painters, dealers, and jobbers.

Used for—Finishing or refinishing interior and exterior of bathtubs, refrigerators, sinks and similar work.



BLACKBOARD COATING.—This is a ready-for-use coating adapted for either new work or recoating old blackboards. It spreads easily on either wood, plaster or artificial slating and is durable. The surface has sufficient tooth to take the chalk easily, yet it does not produce a grating or rasping sound and the chalk marks are easily erased. It gives a very dense, soft, black finish. Composed of varnish, carbon, drop black and silicious matter. It will cover 400 square feet to the gallon, one coat. Packed in $\frac{1}{2}$ pint, quart and gallon cans.

DIRECTIONS.—See that the surface is perfectly clean and dry.

On new work apply a coat of Lithogen Primer and follow with two coats of Blackboard Coating allowing 24 hours to dry between each coat. On old surfaces the primer may be omitted and one or two coats of the coating alone used.

Used by

Schools
Colleges
Universities

Demonstrators
Lecturers
Blackboard Manufacturers

Used for—Painting and repainting blackboards.

BLUE SLATE IRON FILLER.—This filler is especially prepared for use on rough castings and on all iron work that it is necessary to fill before painting, and it should be used where a smooth finish must be provided. It dries rapidly and sands easily. Packed in 1, 5, 10 and 25 pound cans.

DIRECTIONS.—On all surfaces that are very rough, or have deep indentations, apply the filler with a putty knife, fill the surface even and level off. When dry, sandpaper smooth. For surfaces which are rough or pebbly, thin the filler with turpentine or turpentine substitute to the consistency of thick paint and apply with a brush. When dry, sandpaper smooth.

Used by—Painters on iron work.

Used for—Filling rough iron surfaces before painting.

CEMENT AND STUCCO COATING.—This is a protective and decorative coating for cement, concrete, stucco, plaster or brick surfaces that are liable to disintegrate from the action of the elements. It is made to resist the alkaline action of cement and lime which destroys ordinary paints. It is used on both interior and exterior surfaces of buildings of every description. It is not intended for concrete floors, for which purpose Floor and Deck Paint is recommended. When used on cement and concrete it gives a soft eggshell finish which effectively seals the pores preventing rain and water penetration. At the same time Cement and Stucco Coating preserves the texture and individuality of the concrete. Because of the specially constructed vehicle, it works freely and easily under the brush, will not show laps, and dries over night to an eggshell finish. It is composed of basic sulfate white lead, zinc oxide, calcium carbonate, calcium sulfate, magnesium silicates and tinting materials in a varnish vehicle. It will cover 300 to 350 square feet to a gallon, one coat, or 250 square feet, two coats. On pressed brick it will cover about 400 square feet. Furnished in 4 colors in addition to white. The white is sometimes known as "Traffic White" and is used for marking safety zones and for such purposes on streets. Packed in quart, gallon and 5-gallon cans.

DIRECTIONS.—The surface to be coated must be clean and free from any loose or scaling material. Shake the can well before opening, then stir the contents thoroughly to a uniform consistency and apply with a flat wall brush, flowing it on freely. The paint will appear heavy in the package, but it is of just the proper consistency for all work, except as noted below. It must not be applied in wet weather or after a storm while the surface is still wet.

New Work.—Wire brush the surface thoroughly to remove any loose particles of cement, sand or lime. Dust it off, then apply Cement and Stucco Coating as it comes in the can.

Unpainted Surfaces.—Old unpainted structural cement or bridge work, or work previously whitewashed or calcimined, should be thoroughly washed to remove all of the whitewash or calcimine. Any loose scaling particles should be scraped off and the surface then wire brushed. For the first coat thin Cement and Stucco Coating with about 5% of pure turpentine and 20% of raw linseed oil, depending on the porosity of the surface. All other coats, however, must be used as received in the package.

Old Painted Surfaces.—Remove all loose or scaling particles by scraping or wire brushing. If the surface is then in a good, firm condition, not hard or flinty, the paint should be applied as it is found in the package. If the surface is soft or chalky, linseed oil and turpentine should be added in the same manner, as noted in preceding paragraph. If the surface is hard and brittle, a small

amount of turpentine *only* should be added to the first coat. For the finishing coats, however, the material should be used as it is found in the package. Do not thin except where absolutely necessary, and then thin only the first coat as specified in the preceding paragraph. Never apply over whitewash or calcimine. Wash off these coatings first.

The best results can be secured by the use of three coats, allowing 36 to 48 hours for drying between coats. It is essential to allow sufficient time for drying.

Used or Sold by

Builders	Railroads
Painters	Farmers
Architects	Dealers
Municipalities	Jobbers

Used for

Concrete buildings, residences, theatres, towers, bridges, silos, grain elevators, foundations and all structures of cement, concrete, stucco, plaster or brick except floors. Also used for marking traffic zones on streets.

COLORED ENAMEL.—This is a high-grade durable enamel which gives a hard, smooth, sanitary finish. It can be washed without injury. It is suitable for use on interior and exterior work on wood or metal surfaces, such as woodwork, furniture, radiators, porch chairs and household articles. The darker shades may be used on radiators but the lighter shades are not suitable for high temperatures. It will not become soft and tacky nor stick to the clothing. One gallon will cover 400 square feet, two coats. Furnished in 10 colors in addition to black. Packed in $\frac{1}{4}$ pint, $\frac{1}{2}$ pint, pint and quart cans.



DIRECTIONS.—Shake and stir contents very thoroughly before using. The surface must be clean, dry and free from dust, dirt and grease. Temperature when applied should be as near 70° F. as possible. Apply a thin coat uniformly over the whole surface with a good varnish brush. If more than one coat is needed, be sure that the first coat is perfectly dry before applying the next one. In using the lighter tints of this enamel on a dark surface, two coats of

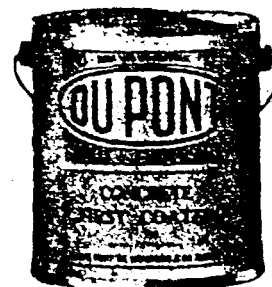
White Enamel Undercoat should be applied as a foundation, followed by two coats of the Colored Enamel.

Used or Sold by

Painters	Hotels
Farmers	Jobbers
Dealers	Property Owners

Used for—Finishing interior and exterior woodwork, furniture, porch chairs, radiators and household articles.

CONCRETE FLOOR FIRST COAT.
ER.—This is a primer or first coater to be applied on concrete as an undercoat to Floor and Deck Paint. It seals up the pores producing a suitable foundation for the finishing coats. It will cover 400 square feet to the gallon, one coat. Packed in quart, 1/2 gallon and gallon cans.



Used or Sold by

Architects	Garages
Builders	Jobbers
Contractors	Municipalities
Dealers	Painters
Dairies	Property Owners
Electric Railways	Real Estate Dealers
Farmers	Schools
Factories	Steam Railroads

Used for—A priming coat for concrete and cement floors.

DU-LITE (Mill White).—This is an intensely white, solid covering paint especially designed for large interiors such as found in public buildings, hospitals, mills, factories and offices. It reflects a great deal of light which makes it especially valuable for lighting interiors, thereby improving conditions; e.g., speeding up production, decreasing accidents and insuring accuracy of inspection. Du-Lite is sanitary, it may be washed, it is unaffected by fumes and steam, and it works easily under the brush. On account of its glossy surface, lint and dust do not adhere to it. It is composed of lithopone and magnesium silicates or zinc oxide in a varnish vehicle. On ordinary surfaces one gallon will cover 300 square feet, one coat.

DIRECTIONS.—Three coats recommended for all new or unpainted work.

CEMENT, CONCRETE, BRICK AND PLASTER

Preparation.—All surfaces should be thoroughly dry and free from grease and dirt.

Finishing.—First coat should be Du Pont Du-Lite Undercoater to which has been added from a quart to a gallon of Du Pont Elastic Wall Primer, depending on the porosity of the surface.

Second coat should be Du Pont Du-Lite Undercoater.

Third coat should be Du Pont Du-Lite Gloss, Eggshell or Flat.

Where only two coats are used, the following directions should be followed:

(Note: First coat should be Du Pont Du-Lite Undercoater. Where brick and concrete surfaces are very porous, one quart of Du Pont Elastic Wall Primer should be added to each gallon of Du Pont Du-Lite Undercoater for first coat.

Second coat should be Du Pont Du-Lite Gloss, Eggshell or Flat.)

(Caution: New or green surfaces particularly strong in alkalis, should first be washed with a solution made by dissolving three pounds of zinc sulphate in one gallon of water.)

WOOD AND WALL BOARD



Preparation.—All surfaces should be thoroughly dry and free from grease and dirt. Knots and sappy places in wood should be shellaced before painting and all nail holes puttied after first coat.

Finishing.—First coat should be Du Pont Du-Lite Undercoater reduced to priming consistency with equal parts of pure raw linseed oil and spirits of turpentine or turpentine substitute.

Second coat should be Du Pont Du-Lite Undercoater.

Third coat should be Du Pont Du-Lite Gloss, Eggshell or Flat. Where only two coats are used, the second coat may be omitted.

Used or Sold by

Hospitals
Factories
Mills
Painters
Halls

Offices
Public Buildings
Dealers
Jobbers

Used for.—Interior walls and ceilings to improve light conditions and to provide a sanitary surface.

EBONBLAK QUALITY FINISHES.—This is a Japan color in varnish, and it is ready to use on auto work. Furnished in black only. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Used or Sold by

Garages	Dealers
Auto Repair Men	Jobbers
Airplane Manufacturers	Auto Supply Houses

Used for—Auto bodies, fenders, hoods, lamps, chassis, wheels and other parts.

ELASTIC WALL PRIMER.—This is an elastic coating especially prepared as a priming coat for wall paints. It is fairly thin in body, easily applied to the largest or roughest surfaces and it seals the pores of unpainted surfaces. When used over old surfaces or enamelled surfaces it adheres firmly and will not peel, chip or crack off. When applied as a priming coat to plaster, concrete, cement, pulp or composition wall boards or brick surfaces, it stops all suction and has the property of preventing the burning or destroying of the life of subsequent coats of wall paint. It should not, however, be confused with ordinary cement coat, wall sizing or similar materials. It may also be used on wood-work. It will cover 300 square feet to the gallon, one coat. Packed in quart, $\frac{1}{2}$ gallon and gallon cans.



Used or Sold by

Painters	Hospitals
Architects	Municipalities
Builders	Public Institutions
Real Estate Dealers	Sanitariums
Property Owners	Railroads
Homes	Dealers
Schools	Jobbers
Manufacturing Companies	

Used for

A priming or foundation coat on all surfaces to render them suitable for wall paints.

WHITE ENAMEL UNDERCOAT—This is a white ground coat of the highest quality which is used as a foundation for enamel. It gives a smooth, dense, white surface which is superior to a lead and oil surface for this purpose. It works easily under the brush and will cover 700 square feet to the gallon, one coat. It is composed of lithopone, magnesium silicates in a varnish vehicle. Packed in $\frac{1}{4}$ pint, $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon, gallon and 5 gallon cans.

DIRECTIONS—On new work, reduce with pure raw linseed oil at the rate of a quart of oil to the gallon of Undercoat, for resinous woods. On resinous woods use turpentine in place of linseed oil.

When thoroughly dry sand lightly and apply a coat of White Enamel Undercoat without thinning. Sand lightly when dry and then apply Enamel.



Used or Sold by

Architects
Decorators
Builders
Contractors

Painters
Property Owners
Dealers
Jobbers

Used for—A ground coat for enamel work.

FLAT BLACK FINISH.—This is a ready-for-use paint which gives a soft, dense black finish on metal and wooden surfaces in imitation of old black wrought iron. It is easily applied, flows smoothly and dries rapidly.

It is composed of drop black and aluminum silicates in a varnish vehicle. One gallon will cover about 600 square feet, one coat. Packed in $\frac{1}{2}$ pint, pint, quart and gallon cans.



Used or Sold by

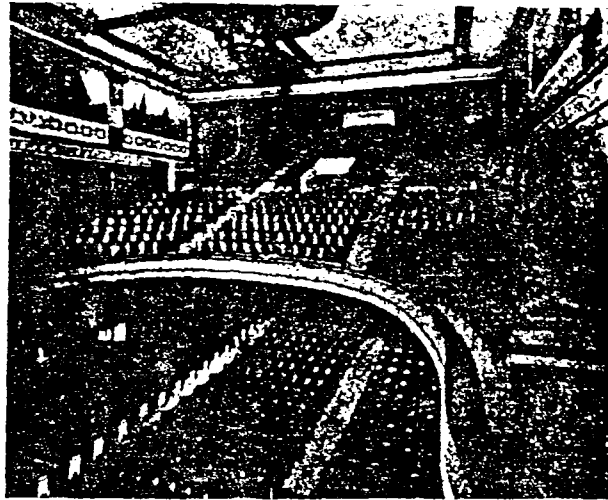
Iron Workers
Elevator Manufacturers
Painters
Decorators

Property Owners
Builders
Dealers
Jobbers

Used for

Decorative Iron Work
Radiators
Iron Grills
Elevators

Chandeliers
Iron Railings
Iron Fences
Homes



FOR ALL CLASSES OF PUBLIC BUILDINGS ONLY THE BEST OF
PAINT MATERIALS SHOULD BE USED

FLAT WALL PAINT.—Following the trend of modern interior decorations we find that walls and ceilings, the background of the room, are being finished in the most simple manner. These surfaces are generally without intricate design or pattern—in delicate flat tones.

For this purpose Du Pont Flat Wall Paint has been produced—it represents the realization of a demand for the ideal wall coating.

The wide variety of tints lend themselves readily to any decorative treatment, and innumerable attractive combinations are obtainable. A most important feature, however, is its sanitary value. Du Pont Flat Wall Paint is made from non-poisonous pigments; it can be washed repeatedly, and being an oil paint it adheres firmly to the wall or ceiling surface and does not chip or flake off.

Du Pont Flat Wall Paint is easy to apply, flows easily under the brush, and possesses sufficient body or "hiding power" to make necessary a minimum of finishing coats to produce a perfect job.

This product should not be confused with calcimine or cold water paints. Du Pont Flat Wall Paint is a superior product in every sense of the word. The finish when soiled may be washed repeatedly, thus insuring at all times a perfectly finished surface. It can be satisfactorily applied to wood, plaster, brick, wall board, burlap and metal surfaces. Supplied in ten attractive tints, also white. One gallon will cover approximately 500 to 600 square feet, one coat. The covering capacity necessarily depends on whether the walls are sand finish or

rough, the latter type requiring the greater amount of material to secure a perfect job.

White supplied in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.
Colors supplied in quart, $\frac{1}{2}$ gallon and gallon cans.

DIRECTIONS.—New or old unpainted walls smooth hardcoated or rough sand finish—Apply a first coat of Du Pont Flat Wall Paint of the desired shade to which has been added Elastic Wall Primer in the proportion of three parts of Flat Wall Paint to one part of Elastic Wall Primer. Finish with a second coat of Du Pont Flat Wall Paint as received.

(NOTE.—Cracks and crevices in smooth walls should be filled with plaster of Paris before painting. On rough walls, fill with the same material as originally used on the walls.)

Old painted walls, smooth or rough walls previously painted with oil paint, any washable paint or Du Pont Flat Wall Paint—Clean walls thoroughly. All cracks or holes in smooth walls must be filled with plaster of Paris, or in rough walls with the same material as originally used. Allow to dry until thoroughly hard. Coat these spots with Elastic Wall Primer to which has been added Du Pont Flat Wall Paint that approximately matches the desired shade. A good combination is three parts of Elastic Wall Primer to one part of Flat Wall Paint. When thoroughly dry, follow with one or two coats of Du Pont Flat Wall Paint of package consistency, allowing thorough drying between coats.

Previously painted walls in good condition, where the color is not to be changed, should be given one coat only of Du Pont Flat Wall Paint as it comes from the package.

Used or Sold by

Painters	Architects
Builders	Real Estate Dealers
Property Owners	Homes
Office Buildings	Schools
Manufacturing Companies	Hospitals
Municipalities	Public Institutions
Sanitariums	Railroads
Dealers	Jobbers
Hotels	Theatres
Churches	Stores
Apartment Houses	Dormitories

Used for

Interior finishing of walls and ceilings. May also be used for metal ceilings, radiators and steam pipes with excellent results.

NO. 2600 MASTER PAINTERS' FLAT WALL PAINT.—This is a high-grade flat wall paint with full body and good hiding quality.

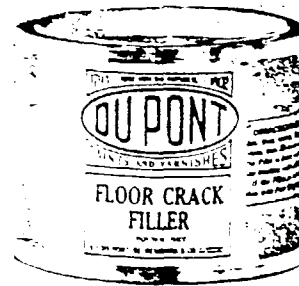
Especially adapted for master painters, use on interior and exterior surfaces. Forms a hard elastic surface. Made in the following colors: White, Black, Red, Green, Blue, Yellow, Brown, Grey, and Tan. Also in the following colors: Light Blue, Dark Blue, Light Green, Dark Green, Light Brown, Dark Brown, Light Grey, Dark Grey, and Tan. Packed in 1, 5 and 10 gallon cans.

Used or Sold by

Contractors	Painters
Master Painters	Superior Art Works
Decorators	

Used for—Painting interior walls and ceilings.

FLOOR CRACK FILLER.—Fills a permanent non-shrinking filler for floor cracks which makes a smooth, even and sanitary surface when used on old or new floors preparatory to painting or varnishing. It works into the cracks easily. Packed in 1 pound cans.



Used or Sold by

Builders	Property Owners
Decorators	Public Buildings
Hotels	Dorms
Painters	Joiners

Used for—Filling cracks in old and new floors before painting.

FLOOR AND DECK PAINT.—This is a hard drying, tough, elastic paint for use on inside or outside surfaces and decks, on old or new wood or on concrete floors. It dries with a good gloss, stands washing well, and is permanent in color. On account of its tough elastic coating it is very durable. Used on concrete, it prevents what is commonly known as "dusting" and at the same time preserves the texture and individuality of the surface. When used on concrete floors, a first coat of Concrete Floor First Coat should be applied. It is especially suited for wood, steel or canvas decks as it is resistant to the action of salt water. It will cover 275 square feet to the gallon, two coats. Furnished in ten suitable colors. Packed in quart, 1/2 gallon and gallon cans. For industrial use by shipbuilders it is packed in 5 gallon cans, 1/2 barrels and barrels in the following colors: Light lead, dark lead, dark color, spruce and maroon.



Directions.—Stir thoroughly before using.

For House Painting.—Apply one or two coats of White Enamel Undercoat and two coats of Flow Kote Enamel. For floors, one coat of Du Pont Supreme Floor Enamel will give a fine, permanent finish.

For Outside Work.—Prepare a foundation by applying one coat of Du Pont Concrete First Coating, then follow with one or two coats of Floor and Deck Paint. It will take only half as much as ordinary paint to give the same protection.

Used or Sold by

Architects	Farmers
Boat Builders	Painters, Dealers
Builders	Painters
Contractors	Painters
Dealers	Painters
Electric Railways	Real Estate Dealers
Steam Railroads	Schools
Garages	Shipyards
Dairies	

Used for—Painting wood or concrete floors in all kinds of buildings, boats and bridges.



FLOW KOTE ENAMEL.—This enamel may be used equally well for interior or exterior work as it does not check, crack or peel and is not affected by steam or moisture. It will outwear quick drying enamels. Does not set so quickly as to show brush marks and will not discolor with age or exposure. It is used over two or more coats of White Enamel Undercoat. If applied in more than one coat, the last coat must be rubbed to a dull finish. The first coats should be thinned with pure turpentine and sanded when dry. It dries dust free in eight hours and hard for second coat in three days. May be rubbed in one week. It will cover 600 square feet to a gallon, one coat. Furnished in White Gloss, White Rubbed Finish, Ivory Gloss and Ivory Rubbed Finish. It may be tinted with oil colors to any shade desired. The gloss finishes can be rubbed. Composed of zinc oxide in a varnish vehicle. The White Gloss is packed in 1/4 pint, 1/2 pint, pint, quart, 1/2 gallon and gallon cans. Other finishes packed in 1/2 pint, quart and gallon cans.

Directions.—If enamel becomes too heavy, thin with pure turpentine. Stir thoroughly before using.

For New Work.—Prepare foundation by applying one coat of Du Pont White Enamel Undercoat thinned with pure raw linseed oil, a quart to the gallon, followed by two coats of Du Pont White Enamel Undercoat as it comes in the can. On resinous woods use tur-

pentine in place of linseed oil. Allow each coat to dry 24 hours, sandpapering between coats. For a gloss finish, apply two coats of Flow Kote Enamel Gloss. Exceptionally fine results are obtained by rubbing first coat with pumice and water five days after applying. Last coat may be rubbed if desired. To obtain a rubbed finish, without the labor of rubbing, apply a coat of Flow Kote Enamel Rubbed Finish over White Enamel Undercoat or two coats for best results, lightly sandpapering between coats. In refinishing old woodwork, omit the undercoats, apply Enamel direct to old surface after sandpapering.

Used or Sold by

Painters	Builders
Architects	Real Estate Dealers
Decorators	Dealers
Property Owners	Jobbers

Used for

Inside Painting	Furniture
Outside Painting	Fixtures
Walls	

GALVANIZED IRON PRIMER.—

This is a grayish black, rust inhibitive primer for use on galvanized iron. Possesses the properties of sticking fast to the galvanized surface and presents a suitable surface for subsequent coats of any other paint. Composed of varnish, sesquioxide of iron and silicious matter. One gallon will cover 750 square feet, one coat. Packed in quart and gallon cans.



Used or Sold by

Contractors	Counties and Towns
Builders	Ship Builders
Railroads	Cornice Manufacturers
Factories	Construction Engineers
Elevator Manufacturers	Dealers
Fence Manufacturers	Jobbers

Used for—Priming galvanized iron surfaces such as roofing, siding, spouts, conductors, cornices, tanks, pipes, culverts and railings.

GRAINING GROUND—This ground coat is used before applying Graining Compound, or before applying Tufcote Varnish Stain. It is ready to use and will cover about 400 square feet to the gallon, on

DUP 000202

coat. It flows readily, dries quickly and gives flat. Composed of graphite, calcium silicate, calcium carbonate, silicious matter and other material in a varnish vehicle. Packed in $\frac{1}{2}$ pint, quart and gallon cans.

Used or Sold by

Painters	Architects
Furniture Repair Shops	Contractors
Furniture Stores	Real Estate Dealers
Property Owners	Dealers
Builders	Jobbers

Used for—A ground color for graining and staining.

GRAINING COMPOUND.—This is a ready-to-use compound to be used over a surface coat of Graining Ground for imitating the natural grain of more expensive woods. After being grained with a graining roll and comb, it should be finished with Tufcote Varnish Stain. It will cover 500 square feet to the gallon, one coat. Finished in oak color only. Packed in $\frac{1}{2}$ pint, and quart cans.

Used or Sold by

Painters	Builders
Furniture Repair Shops	Contractors
Furniture Stores	Real Estate Dealers
Property Owners	Dealers
Architects	Jobbers

Used for—Imitating the natural grains of expensive woods on all classes of interior woodwork.



GRAPHITE PAINT (Liquid Form).

This is a ready-mixed paint in which the pigments of graphite, calcium carbonate and silicious matter are finely ground in a vehicle of linseed oil and a drier. It is waterproof and is excellent for resisting alkalies, acid fumes and temperature changes. It brushes out easily and smoothly. It will cover about 600 square feet to the gallon, one coat, depending on the surface. If necessary to reduce use boiled linseed oil with 10% of japan drier. Packed in quart and gallon cans.

Used or Sold by

Builders	Municipalities
Construction Engineers	Iron Workers
Contractors	Dealers
Painters	Jobbers

Used for—Painting all classes of structural steel.

GRAPHITE PAINT—Paste Form.—The graphite pigment is finely ground in a linseed oil vehicle. To reduce, use boiled linseed oil with about 10 % of japan drier. A good brushing consistency is obtained by the addition of 50 pounds of reducer to 100 pounds of paste. Packed in 12 $\frac{1}{2}$ and 25 pound cans.

Used by—Builders, engineers, iron workers and painters.

Used for—Painting metal surfaces for protection.

INTERIOR DECORATIVE ENAMEL (White).—This is a very high-grade, full bodied white enamel. It stays white and dries quickly with sufficient elasticity to prevent cracking and chipping. Used for general interior work. Will cover 400 to 500 square feet to the gallon, one coat. Packed in $\frac{1}{4}$ pint, $\frac{1}{2}$ pint, pint and quart cans.

Used by—Master painters and householders.

Used for—General interior work.

SUPERFINE JAPAN COLORS.—These colors are of a high quality, contain only the highest grade of pigments obtainable and are ground in a fine quality of grinding japan. They contain sufficient amount of correct binders and a drier which makes them quick drying. Pure spirits of turpentine only should be used as a thinner. They possess brilliancy of color, clearness of tone and opacity and can be mixed perfectly with linseed oil and the usual varnishes used in coach and car work. These Japan Colors are especially adapted for railroad use.

Furnished in a great many shades of the following: brown, green, blue, red, wine color, gray, yellow, and cream. They are also furnished in white and black. Packed in 1 pound plain cans and 5 pound press cans.

Used by

Auto Manufacturers	Railroads
Carriage Manufacturers	Sign Painters
Implement Manufacturers	Auto Refinishers
Painters	Garages

Used for—Finishing automobiles, carriages, implements, railroad coaches and display signs.

KWIC-LAC.—This is a superior substitute for shellac at a lower price. Works freely, dries harder than shellac and withstands moisture better. Offered in one color only and dries out almost as light as white shellac. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Used or Sold by

Contractors	Jobbers
Builders	Dealers
Painters	

Used for—A substitute for shellac.

ETHOGEN PRIMER.—This is a semi-paste primer for use on plaster, brick, stone or wood. It possesses extraordinary properties. It has been used with perfect results on our important operation of flat tinning over a million square feet of surface. It stops all suction, seals up the pores and presents a surface on which subsequent paint coatings will stand out full and even. Each gallon of the Primer requires an equal quantity of turpentine as a reducer, making a very economical ready-to-use product. Packed in quart and gallon packages.

Used or Sold by

Contractors	Painters
Jobbers	Supervising Architects
Dealers	Builders

Used for

Primer for plaster, brick, stone or wood	Knot size Stain killer
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MASTER PAINTERS' BASE PAINT.—This line is particularly adapted for the use of the master painter. It is furnished in semi-paste form and can be thinned gallon for gallon with linseed oil. It is composed of lead, zinc and inert or reinforcing pigments. It has good spreading and working properties and is a dependable product. It can be tinted with oil colors and is best adapted for general painting purposes on wood or metal. Supplied in one gallon cans only.

Used or Sold by

Contractors	Dealers
Master Painters	

Used for—General painting.

MOTOR TRUCK AND WAGON PAINT.—This is a ready-for-use, gloss paint suitable for a variety of uses, other than the painting of trucks and wagons. Works easily and dries quickly. Dries with a good gloss and is not affected by continual washing. Made in five shades and black. Packed in pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Used or Sold by

Farmers	Storage Companies
Repair Shops	Garages
Wheelwrights	Dealers and Jobbers
Creameries	

Used for

Farm Vehicles	Barrels and Kegs
Ice Cream Tubs	Trucks and Tractors
Milk Cans	

DUPONT OIL COLORS. These colors are standard for purity, tone, uniformity, strength and fineness of grinding. Owing to their superior quality, these colors have been selected for decorating such buildings as the National Capitol, Congressional Library, and the

Washington, Public Laboratory, at Washington, D. C.; U. S. Custom House, at New York, and other prominent buildings. Its strength tests they stand supreme. Composed of fused oil and of pigments.

Furnished in the following colors: black, 5 shades of brown, 6 shades of green, 12 shades of red, 7 shades of yellow, 3 shades of blue and 2 graining colors (light and dark oak). All colors are packed in 1 pound cans and most of them in 5 pound, 12 1/2 pound and 25 pound cans.

One of the reds, "1793 Unfading Vermilion," is a permanent and very rich vermillion, far superior in brightness and tone to English Vermilion. It will not darken as the latter does, or turn pink or flesh color as is the case with numerous imitation vermilion. Because of its lighter specific gravity, one pound of "1793" Vermilion will do the work of two or three pounds of English Vermilion.

"1793" Vermilion has been on the market for many years and its superior qualities have been proved by the test of actual use. It is adopted as the standard red by leading railways, switch signal companies, and by signmakers who must use only the highest quality of vermillion.

Used or Sold by

Painters	Artists
Sign Painters	Dealers
Decorators	Jobbers

Used for:—Tinting and painting.

LIBERTY OIL COLORS.—These colors receive the same care in preparation as Du Pont Oil Colors. They retain the same brilliancy and clearness of tone, but are somewhat weaker in tinting strength, owing to the use of inert materials which permits a reduction in price. They are offered in all standard colors, including light and dark oak graining colors. Packed in 1, 5, 12 1/2 and 25 pound cans.



Used by

Master Painters	Sign Painters
Decorators	

Used for:—Tinting and solid painting.

OLD DUTCH FINISH.—This is a transparent wax preparation in a heavy liquid form, producing economically a flat effect which is very pleasing and different from the usual waxed finish. Packed in 1/2 pint, pint, quart and gallon cans.

Used or Sold by

Painters	Furniture Factories
Decorators	Dealers
Cabinet Makers	Jobbers

Used for

Interior Woodwork	Decks
Furniture	Panels
Fixtures	

OLD ENGLISH PAINT OIL.—This is a vehicle of practically the same body as linseed oil and is specially adapted as a reducer for paste whites for either gloss, eggshell or flat finish. Supplied in gallons, 5 gallons and barrels.

Used by:—All classes of painters.

Used for

Reducing all types of paints and colors, shingle stains and barn and roof paint.

Tempering varnishes
Sizing damp walls
Dressing for oil cloth and linoleum
Waterproofing concrete
All types of railroad structural and bridge work
Signboard painting

PAINT AND VARNISH SOLVENT—This solvent softens paint, varnish, shellac or wax, so that it may be easily and thoroughly removed in a short time. It does not raise the grain, discolor or otherwise injure the most delicate wood, and leaves the surface in perfect condition for new coats of paint or varnish. It does not injure the hands or affect glue-set brushes. It does not dry up even when left on the surface for some time. This solvent is free from disagreeable odors. Packed in liquid form in $\frac{1}{2}$ pint, pint, quart, half gallon and gallon cans.

Used or Sold by

Painters	Decorators
Dealers	Farmers
Homes	Jobbers

Used for—Removing paint or varnish from any surface.

PREPARED WAX.—This is used for floors, and is also adapted for use on interior woodwork and furniture. Produces a hard, lustrous effect which is durable and not easily scratched. Also used as a protective coating for the enamel or varnish surface of automobiles.

Keeps the car clean longer by shedding water and dust. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Used or Sold by

Architects	Jobbers
Builders	Furniture Manufacturers
Contractors	Cabinet Makers
Painters	Interior Decorators
Homes	Dealers
Property Owners	

Used for—Waxing floors and polishing other smooth surfaces. It is also used for waxing floors and polishing other smooth surfaces.

SANITARY GLOSS ENAMEL.—This is a hard gloss enamel that produces a beautiful natural glossy finish on walls, wood, vases, chairs, and other furniture. It is sanitary because its smooth, glass surface resists staining, dirt, and germs. It is easy to clean without injury to coating. It has excellent covering and hiding qualities and is especially suitable for the walls of hospitals, nurseries, bath-rooms, kitchens and public buildings where extreme cleanliness is essential. It is excellent as a contrasting finish on woodwork or interior walls finished with Du Pont Flat Wall Paint. Made in white only. Packed in 1/4 pint, 1/2 pint, pint, quart, 1 gallon, 2 gallon and 5 gallon cans.



SHELLAC SUBSTITUTE.—See Kwac-Lac listed on page 150.

SHINGLE STAIN.—This is a preservative shingle stain that may be used for dipping or brush coating. Its preservative action greatly lengthens the life of shingles, and a variety of colors permits the selection of a stain that will harmonize with any color combination. Packed in 1 gallon and 5 gallon cans, half-barrels and barrels. Made in four colors and natural.

Used or Sold by

Painters	Decorators
Builders	Dealers
Homes	Jobbers

Used for—Dipping and brush coating shingles.

Stains

ACID STAINS.—This type of stain is used to produce certain distinctive tones, particularly browns and grays, which effects are not possible to obtain with other types of stains. They bite into the wood and are true in tone and permanent in color. The mahogany shades are used principally in finishing genuine mahogany. In the case of mahogany, the stain is followed with paste wood filler and varnish. Tones and colors furnished are Mahogany, Dark Mahogany, Brown Mahogany, No. 1000 Dark Famed Oak, No. 1314 Light Famed Oak, Walnut, Standard Gray and, in addition, for use with toners for producing the gray effects on southern pine, North Carolina pine, cypress and fir, we furnish Satin Gray, Steel Gray and Smoked Pearl. The following toners are made especially for use with Acid Stains producing the soft interior effects on the woods referred to.



OFFICE BUILDING—PAINTED WITH DU PONT PRODUCTS

No. 1001 Smoked Pearl Toner. Used also with Steel Gray Acid Stain.

No. 1001 Satin Brown Toner. Used with No. 1000 Fumed Oak Acid Stain producing the satin brown finish on pine.

No. 1004 Satin Gray Toner.



Cabinet makers and piano furniture manufacturers use the following standard shades:

No. 1000 Dark Fumed Oak

No. 1014 Light Fumed Oak

No. 1158 Fumed Oak

No. 1953 Toner for Sap walnut

Standard gray

American walnut for birch.

Packed in $\frac{1}{2}$ pints, pints, quarts and gallons. One gallon will cover 700 square feet. For industrial trade it is packed in 5 gallon cans, $\frac{1}{2}$ barrel and barrels.

Used or Sold by

Architects
Interior Decorators
Builders
Contractors
Painters
Home

Furniture Manufacturers
Cabinet Makers
Piano Manufacturers
Dealers
Joiners

Used for—Staining wood.

OIL STAINS.—These stains are used on such woods as pine or cypress. Made from selected permanent colored pigments finely ground in a specially prepared vehicle. Do not raise the grain of the wood. Estimated to cover 400 to 500 square feet to the gallon. Made in the following colors: light oak, dark oak, mission oak, mahogany, cherry, walnut. Packed in $\frac{1}{2}$ pint, quart and gallon cans.

Used or Sold by

Painters	Hotels
Decorators	Cabinet Makers
Public Buildings	Dealers
Builders	Jobbers

Used for—Staining new woods.

DU PONT (BRIDGEPORT) PENETRATING STAIN.—This is an oil penetrating stain for the artistic coloring of practically all woods with the exception of real mahogany. They are intended for use on new work only, give clear, transparent effects and do not raise the grain or show laps.

These stains lend themselves to nearly all types of finishing coats and when used on open grained wood may be filled and varnished.

The oak shades can also be used as a one coat finish, producing a mission effect in one operation.

Made in ten shades: light oak, brown oak, golden oak, English oak, Flemish oak, mission green, circassian walnut, light mahogany, dark mahogany and brown mahogany. Packed in $\frac{1}{2}$ pint, pint, quart and gallon cans.

Used or Sold by

Architects	Jobbers
Builders	Furniture Manufacturers
Contractors	Cabinet Makers
Painters	Piano Manufacturers
Homes	Interior Decorators
Dealers	

Used for—Finishing furniture, pianos, cabinet work, fixtures and interior woodwork.

WONDERLAC.—This is a colorless liquid for use over Gray or Fumed Oak Acid Stains as a protective coating. It produces a soft dull finish which is damp-proof and will not change the delicate tone of Gray Acid Stains as does shellac. It will cover 500 to 600 square feet to the gallon, one coat. Packed in $\frac{1}{2}$ pint, pint, quart and gallon cans.

Used or Sold by

Architects	Furniture Manufacturers
Builders	Cabinet Makers
Contractors	Piano Manufacturers
Painters	Dealers
Interior Decorators	Jobbers
Property Owners	

Used for —Finishing coat over Fumed or Gray Acid Stains.

MAHOGANY PENETRATING STAIN SEALER.—This is for use over Mahogany Penetrating Stains on close-grained woods. It not only develops the true color of the stain, but prevents the varnish coats from "bleeding" the stain. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Used or Sold by

Architects	Jobbers
Builders	Furniture Manufacturers
Contractors	Cabinet Makers
Painters	Piano Manufacturers
Homes	Interior Decorators
Dealers	

Used for—Finishing furniture, pianos, cabinet work, fixtures and interior woodwork.

STOVE ENAMEL.—This is a ready-to-use liquid preparation for application on stoves, stove pipes, ranges and furnace trimmings. Use a soft brush. If applied to the surface when warm, it dries with a jet black gloss of great durability. One pint will cover 100 square feet of surface or enough for six or seven applications to an ordinary size kitchen range. Packed in $\frac{1}{4}$ pint, $\frac{1}{2}$ pint and pint cans.

Used or Sold by

Farmers	Hotels
Garages	Restaurants
Homes	Boiler Rooms
Locomotive Works	Plumbers
Hardware Dealers	Dealers
Stove Dealers	Jobbers
Public Buildings	



SUPREME YACHT WHITE.—These paints are made on a formula that permits their use for all classes of yacht painting. They will not chalk or crack. Composed of basic sulfate white-lead, zinc oxide, barium sulfate, silicious matter and tinting material in a vehicle of linseed oil and a drier. Furnished in 5 colors, including white. Packed in pint, quart and gallon cans.

Used by—Yacht owners and builders.

Used for—Painting yachts.

TUFECOTE.—This is a high-grade varnish stain which stains and varnishes at the same time. It works easily under the brush and will dry overnight, giving an elastic finish which, as the name implies, is tough and will withstand the effects ordinarily caused by the tramping of feet and scuffing of heels. With it, less costly woods such as pine may be made to resemble rare woods and all woods can be brightened and improved by a coat of this stain. It does not require constant stirring while being applied nor does it produce a "specky" finish. If the surface to be finished has already been stained or painted and is darker than the stain to be applied a coat of Graining Ground is applied before Tufecote. In addition to natural finish, it is furnished in 7 colors which dry to a gloss finish. One quart will cover 100 square feet, two coats. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

DIRECTIONS.—First, clean thoroughly the surface to be finished, being sure that it is free from grease and dust, and thoroughly dry and smooth. If the surface to be finished is very dirty, wash with water and good soap, wipe up with clean water, and allow the work to dry well before applying the finish. Before using the stain, stir thoroughly, and if any thinning is necessary, use turpentine. For woodwork and furniture, one coat is generally sufficient, but for floors we advise the use of two coats. Where two coats of stain are desired, allow 48 hours between coats and sandpaper lightly the surface before applying the second coat.

New Work.—First, prepare the foundation for the finish by filling all open-grained woods, like oak, ash and chestnut, with Wheeler's Paste Wood Filler, according to the package directions, and then finish with two coats of Tufecote. On close-grained woods, excepting floors, use Wheeler's Liquid Wood Filler for preparing the foundation.

New Floors.—Whether open or close-grained wood, fill with Wheeler's Paste Wood Filler. Never use liquid filler on a



floor. Finish with two coats of Tufcote of the desired shade.

Old Floors.—For refinishing old floors which have been varnished or stained, clean the surface thoroughly as stated before, then sand paper lightly. If polish or wax has been used on the floor, it should be removed by washing with turpentine. Touch up all bare spots with Tufcote. Fill all cracks with Floor Crack Filler. Sandpaper lightly the whole surface and apply two coats of Tufcote of desired shade. If the floor is badly spotted or worn, all the finish should be removed with Paint and Varnish Solvent; then the floor should be refinished as directed for new floors. If, however, the floor is badly spotted, and it is not desired to remove the old finish, first clean the floor and apply Ground Coat, followed by Graining Compound, then by Tufcote.

Re-finishing Painted Floors.—First, fill all cracks with Floor Crack Filler, then apply Ground Coat, and finish with two coats of Tufcote of the shade desired.

Used or Sold by

Furniture Stores	Painters
Furniture Repair Shops	Dealers
Property Owners	Jobbers

Used for—Renewing the finish on interior woodwork, doors, floors, trim and furniture.

WHEELER'S LIQUID WOOD FILLER.—This is a liquid filler or undercoat which is applied to close-grained woods such as pine, cypress, gum and whitewood to provide a permanent ground coat for Du Pont varnish. It may be easily sanded. It should not be used on floors. One gallon will cover 500 square feet, one coat. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans. On open-grained woods use Wheeler's Paste Wood Filler.



DIRECTIONS.—For a natural finish on soft or close-grained woods, apply to the smoothly sandpapered surface one coat of Wheeler's Liquid Wood Filler and one or two coats of varnish. One coat of varnish will stand out and give a good job. Two coats will make a superior job. A wax effect can be obtained, instead of a varnish finish, by using over the Liquid Filler, Prepared Wax.

Used or Sold by

Cabinet Makers	Wood Finishers
Decorators	Dealers
Painters	Jobbers

Used for—Filler on close grained woods.

WHEELER'S PASTE WOOD FILLER. This is the original rock crystal quartz wood filler which has been recognized for over forty years as the standard wood filler on the American market and almost universally specified or used by leading architects, decorators, painters, contractors and finishers of pianos, cabinets and furniture. It forms a permanent, transparent foundation in the pores of the wood for either a varnish finish or for any other finishing coats, and, on account of its covering capacity and the fact that it will stand more reducing than any other wood filler, it is the most economical filler on the market. Its filling properties are perfect on hard or open-grained woods and it does not discolor under moisture. It consists of very finely ground water floated silix fine enough to pass through silk bolting cloth of 40,000 meshes to the square inch. It is ground to a heavy paste in especially prepared binder japsans and oils. Turpentine or benzine is used for thinning and when the Filler is thinned it remains in suspension well and may be applied similarly to paint. One pound will cover 60 to 75 square feet of surface. Furnished in 4 colors, in addition to transparent, ebony, and special white. Packed in 1, 5, 10 and 25 pound cans. For industrial users 14 colors are furnished packed in 100 pound kegs and barrels.



DIRECTIONS.—After thinning with turpentine or benzine to the consistency of cream, it is applied to the wood with a brush and allowed to set for a few minutes. The surplus filler is then wiped from the surface with a piece of cloth or burlap, rubbing across the grain thus forcing the filler into the pores.

Used or Sold by

Architects	Piano Manufacturers
Decorators	Cabinet Makers
Painters	Furniture Manufacturers
Contractors	Dealers
Jobbers	

Used for—A rub-off filler for hard or open-grained wood.

WIRE SCREEN PAINT.—This is a specially prepared paint for protecting and decorating wire screens. It covers completely the wire strands without clogging the meshes and is also suitable for use on the framework as well as on the screens. Black is composed of carbon black in a varnish vehicle. One gallon will cover 350 square feet, one coat. Furnished in two colors—black and bronze green. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

DIRECTIONS.—See that the surface to be painted is thoroughly cleaned from dust and dirt. All loose paint should be scraped off. If it is necessary to use water to remove the dust and dirt, see that the screen is thoroughly dry before painting. Shake the contents of the package well before opening, and then stir thoroughly before applying the paint. This paint is prepared ready for use, but if due to exposure to the air, it becomes too heavy or gummy,



reduce with a little turpentine or benzine. Never add linseed oil.

Apply the paint in thin coats, brushing it out well.

The application of Wire Screen Paint prevents the wire from rusting and gives the window or door screen a handsome enamel finish.

Used or Sold by

Apartment Houses	Homes
Hotels	Public Institutions
Builders	Painters
Camps	Dealers
Decorators	Jobbers

Used for—Painting wire screens and screen doors.

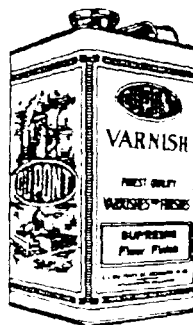
ZINC (In paste form).—These zincs are especially prepared for the master painter's use to meet his different requirements. They are furnished in 3 forms—Zinc in Linseed Oil, French Process Green Seal Zinc in Linseed Oil and French Green Seal Zinc in Damar Varnish.

Packed in 1, 5, 12 ½ and 25 pound cans.

Used by—Painters and decorators.

Used for—Making enamels, ground colors and mixing with other pigments for painting.

Du Pont Varnish



The yellow label and square can of the Chicago Varnish Company have been recognized as symbols of quality for over fifty years. We will maintain this distinctive yellow label and square can under our own trade-mark, the Du Pont Oval.

In acquiring the business of the Chicago Varnish Company, we fully realize that its varnishes have long been recognized as standards by the trade, the master painter, the architect, and the general public. Fully appreciative of this fact, in outlining our policy towards this line and its established trade, it is our desire to impress upon you most strongly the fact that we shall continue

the same high quality. It is also our intention to support the sales of this line of clear varnishes and varnish specialties with the widest publicity. Our advertising program embraces the use of the leading trade papers, architectural publications and painters' journals, in addition to the use of an extensive department for direct sales promotion work.

Through our several plants and warehouses, located at the main distributing points of the country, we are able to give the best of service. Ample stocks are carried in all warehouses from which points shipments will be made to customers. Our manufacturing plants are equipped with the most modern appliances and machinery, and are supported by our chemical and research laboratories not only for the maintenance of uniformly high quality, but for the continued improvement of our products.

Architectural Finishes

Supremis Floor Finish	Chi-Vo	Pure Batavia Damar
Florsatin	Dead-Lac	Ivory Enamelite Varnish
Linoleum Shield	Navalite	Hyperion Finish
Shipoleum	Durable Spar	Architectural Coach

SUPREMIS FLOOR FINISH.—This was the first varnish put on the market made especially for floors. It is the best grade of varnish we believe that can be produced for this purpose. It will stand up under hard service and retain its attractive appearance and high lustre. It is very clear and transparent and possesses great toughness and durability and has good body. It will not mar or spot from contact with water or mud and, although it dries hard, it possesses sufficient elasticity to prevent it from showing heel marks and scratches. It works easily under the brush and dries dust free in one hour and hard in twenty-eight hours, after which it can be rubbed to a dull finish if desired. It preserves the wood by excluding moisture and thus increases the life of floors. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

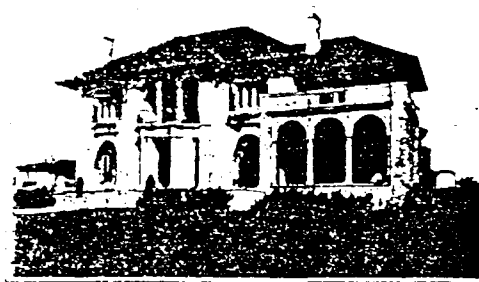
DIRECTIONS.—In preparing to varnish, use no potash, soap, soda, lye or other alkaline substances. When something besides clear water is needed, use a gill of household ammonia in a gallon of water, after which wash thoroughly with pure water. The wood must be thoroughly dry before varnishing. Smooth the surface well and apply three light coats. For open-grain woods, use Du Pont Wheeler's Paste Wood Filler. Never use a liquid filler or a shellac. On close-grained woods, use no filler whatever, but apply three coats directly upon the wood. For good work sandpaper between each coat, using No. 00 sandpaper. Allow 4 hours between coats. It dries in 6 hours and can be rubbed in from 40 to 48 hours, but the longer time you wait between coats the better will be the result. **USE NO OIL UNDER IT, OR SHELLAC FOR UNDERCOAT**, and if other dressing has been on the floor, especially wax, remove it.

Sold or Used on

- ▶ **Practitioner**
- ▶ **Domestic Violence**
- ▶ **Behavior**
- ▶ **Domestic Violence**

1. *Chlorophyll a*
 2. *Chlorophyll b*
 3. *Chlorophyll c*

Used for - Names, - Places.



PAUL H. HARRINGTON, MINISTERS' METHOD GROUP,
2411 13th Ave. N.E., Grand Rapids, MI 49505

FLORES-APIN

It is a small, annual plant, which has all of the leaves and none of the roots of a ivy leaf. It is a green, serrated, white, it is scurrile, and it will not become slippery. It flows well under the brush and will dry and over-night grow an obscure, more duplicating

Used or Sold by

- Painters
- Decorators
- Builders
- Property Owners

Contractors
Dealers
Joiners

LINOLEUM SHIELD - This is a preservative coat for linoleum and floor oil cloth. Linoleum naturally becomes dry with age and develops a tendency to crack, a tendency that increases with successive washings.

Linoleum Shield prevents this cracking by renewing and prolonging the life and natural flexibility of linoleum. It also prevents dirt and dust from being ground into the surface of the linoleum, thereby reducing the amount of scrubbing it takes.

Linenum Stabile is practically colorless and, therefore, does not affect the pattern or color of linoleum. It can be easily washed with warm water, thereby doing away with the use of strong washing powders or compounds that are always injurious to the surface of linoleum and floor on bath. It dries hard overnight. We do not advocate the use of this material more widely as it is made expressly for use over linoleum and on wood.

DIRECTIONS. Wash the surface carefully and when thoroughly dry apply a moderately heavy coat of the dressing with a flat bristle brush.

Used or Sold by

Dealers
Jobbers

Householders
Painters

SHIPOLEUM INTERIOR FINISH.—This has been known for more than thirty-five years by users of high-grade material as the best interior varnish made. For extreme durability it has absolutely no equal. Shipoleum has a good color, fine body and lustre, and works very easily.

It is a wonderful varnish for use as an interior finish, especially in fine residences, hospitals, asylums, public buildings, bathrooms, basements, stables, laundries and places exposed to the fumes of ammonia and dampness. Shipoleum can be used very satisfactorily on counters and table tops and will not show plate impressions.

It stands heat and moisture remarkably well, makes a beautiful interior finish, is very elastic and never cracks. Use three coats for good work. Dries in four hours and can be rubbed and polished after forty-eight hours.

Used or Sold by

Dealers
Jobbers
Property Owners

Painters
Contractors

Used for—Interior finish.

CHI-VO.—This is a varnish giving a beautiful rubbed effect. Chi-Vo gives that soft beautiful rubbed effect which is now so much in demand.

Chi-Vo is made by a new process and contains no wax. Dust or dirt will not accumulate on it as is the case on waxed finished woodwork and at the same time you get a tough, durable finish which is as easy to keep clean and will remain in as good condition as a surface finished with a gloss varnish.

Where woodwork is finished with wax, the latter must be removed before varnish is applied over it. Chi-Vo may be varnished over, with itself or with another varnish, at any time. Most flat varnishes on the market today contain a sediment in the can. There is no sediment in Chi-Vo and the same effect will be obtained from the last brushful out of the can as from the first brushful.

Chi-Vo works freely, has great spreading capacity, fully a third more than ordinary varnish and can be applied in much less time.

[illegible]

Used or Sold by

Decorators	Contractors
Painters	Doors
Joiners	Builders
Property Owners	

DEAD-LAC. This is a *unique varnish, drying with a dull finish* which requires no rubbing and yet imitates the appearance of a finely rubbed high-grade varnish. It is an entirely different product from Chi-Vo described above in that Dead-Lac produces an absolutely dead effect. This dead effect is very popular with owners of theatres, particularly those theatres used as motion picture houses. There is no shine or glossy surface which would reflect the lights thrown upon the screen. It possesses unusual covering capacity and may be used over old varnished surfaces. Dead-Lac should be applied as the finishing coat over our regular gloss interior varnishes such as Shipoleum, but should not be sanded. It dries dust free in two hours and hard in twenty-four hours. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Used or Sold by

Painters	Hotels
Decorators	Public Institutions
Contractors	Real Estate Dealers
Builders	Dealers
Property Owners	Jobbers

Used for—Finishing inside surfaces except floors.



NAVALITE.—There is one great reason for Navalite's supremacy. It is the only spar varnish of good body that will not turn white. It is the most perfect marine varnish on the market today. Recommended for spars, deckhouses and other exposed woodwork of yachts, boats and vessels of all kinds. If used on the exterior above or below the water line, in either salt or fresh water, it lasts longer than any other marine varnish.

It is heretofore been impossible to produce an extremely brilliant marine varnish that would not turn white. Now it is no longer necessary to furnish fully meeting these requirements.

Now it is free from dust in ten hours and hard over in twelve. This new varnish is especially adapted for use on front doors and vestibules subjected to all kinds of weather conditions. It does not set too quickly for ease in application. It does not skin over if left in can unopened, nor gum the brushes. It flows freely, has good body and retains its luster permanently. It has wonderful elasticity and will not turn white under any conditions.

Used or Sold by

Ship Builders	Dealers
Painters	Jobbers
Contractors	Home Owners
Boat Owners	

Used for—All exposed woodwork, especially on yachts, boats and vessels of all kinds.

DURABLE SPAR.—This is a pale working varnish manufactured especially for outside use. It works easily, has great brilliancy, is very durable, dries dust free in ten hours and hard in twelve hours. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Used or Sold by

Dealers	Painters
Jobbers	Contractors

BATAVIA DAMAR VARNISH (PURE).—This is a white, heavy bodied varnish that contains only the purest and palest Damar gum. This is an excellent mixing varnish for white enamel. It is pale in color, works well and dries admirably. Damar Varnish is not intended for use on furniture or outside work. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Used or Sold by

Painters	Dealers
Decorators	Jobbers

Used for—Mixing interior enamels.

IVORY ENAMELITE VARNISH.—This is the only finish now made which is both pale enough to use over Zinc White, and hard enough to rub after using. Nothing approaching it has been produced by the English, or the French, or by other American varnish makers for colonial interiors. It takes a rich beautiful polish. It has never been known to crack and never becomes tacky after it has dried. Dries free from dust in three hours and may be rubbed in about four days.

Used or Sold by

Dealers
Painters

Contractors
Decorators

Used for—General interior purposes.

HYPERION FINISH.—This varnish makes a beautiful finish for fine interiors, mantels, cabinets and other choice furniture, and is specially adapted for church seats, as it dries thoroughly hard. It has a fine lustre, is pale in color, and will rub or polish handsomely.

Hyperion Finish is well adapted to counter and table tops, showing great resistance to hot liquids and liquors. Its endurance in such situations is remarkable; nothing known will approach it in this respect. It will not show plate impressions. Dries quickly and can be rubbed in thirty-six hours.

Used or Sold by

Dealers
Contractors
Decorators

Cabinet Makers
Painters

Used for—General interior work.

ARCHITECTURAL COACH.—This is a pale, heavy-bodied, fine flowing varnish with a beautiful lustre for use on interior finish.

When applied it has a full, deep lustre which does not sink into the surface, but stands out and imparts an elegant finish. It is admirable for either grained work or natural woods, and does not crack or bloom. It is superior to many higher-priced varnishes, and is very durable. Dries free from dust in five or six hours, and becomes hard in twelve to fifteen hours.

Used or Sold by

Dealers
Painters

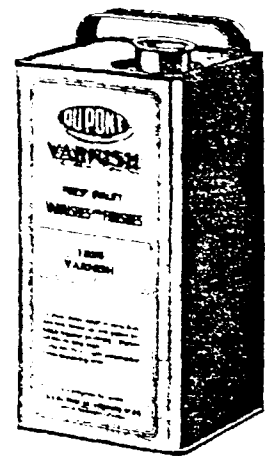
Contractors
Decorators

Used for—Interior work.

MISCELLANEOUS VARNISHES

1825 Varnish	No. 1 Coach
Linkota	Special Coach
Piano Polishing	Light Hard Oil Finish
Furniture Rubbing and Polishing	Hard Oil Finish
Extra Furniture	Batavia Damar
No. 1 Furniture	T. Asphaltum
Pale Interior Finishing	B. Asphaltum
Extra Light Coach	Bronzing Liquid

NO. 1825 VARNISH.—This is a durable, elastic coating for interior woodwork, furniture, floors and other surfaces subjected to hard usage and moisture. It is light in color and of good body. It is an excellent varnish to use where an article of the highest quality is not essential. Dries with a good gloss and does not mar easily. Supplied in $\frac{1}{2}$ pint, pint, quart, half gallon and gallon cans.



Used or Sold by

Painters	Builders
Householders	Contractors
Decorators	Dealers
Jobbers	Property Owners

Used for—Finishing all class of interior woodwork, furniture, floors and similar surfaces.

LINKOTA.—This is a product similar to Linoleum Shield although not of as high a quality. It should be used where a cheaper piece of goods is required. It will produce practically the same effect as Linoleum Shield, but of course will not wear so well. Nevertheless it doubles the wearing quality of linoleum or oil cloth, enhances the appearance of new linoleum and restores lost lustre to old linoleum.

Sold or Used by

Painters	Dealers
Householders	

Used for—Coating linoleum and oil cloth.

PIANO POLISHING.—This is a very high-grade polishing varnish intended for the finest work. It has good body, light color, works very easily and gives an elastic and durable finish. It rubs and polishes in four days taking a very brilliant finish.

Used or Sold by

Dealers	Decorators
Cabinet Makers	Painters
Piano Makers	

Used for—High-grade finish work.

FURNITURE RUBBING AND POLISHING.—This is intended for use on a fine grade of furniture. It has good body, fine lustre, works easily, can be rubbed in thirty-six hours and in forty-eight hours, takes a handsome and durable polish.

Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Used or Sold by

Painters
Cabinet Makers

Furniture Makers
Decorators

EXTRA FURNITURE VARNISH. This has a fine lustre, good color and body and dries hard in thirty-six hours. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

NO. 1 FURNITURE. This is designed for a fine grade of work. It has a good color, fine lustre and dries rapidly.

PALE INTERIOR FINISHING. This is a brilliant varnish for interior finish, is pale in color, works very easily, has a splendid body and dries with a fine full lustre. It may be rubbed when thoroughly hard.

EXTRA LIGHT COACH. This is made from gum selected with special regard to color. It is very pale, of good body, dries in about fifteen hours and gives a durable interior finish. It is an extremely popular brand.

NO. 1 COACH.—This has good body and lustre, is light in color, works easily, is durable and dries well overnight with a fine gloss.

SPECIAL COACH.—This is pale in color, has good body and dries well overnight with a beautiful lustre. It is intended for interior standing finish.

LIGHT HARD OIL FINISH. This is light in color and a most excellent material. It surpasses any other light oil finish known. Dries in about twenty-four hours, works freely and has good lustre.

HARD OIL FINISH.—This is intended for interior standing finish. It has good body, a pale color and dries well overnight with a beautiful lustre.

BATAVIA DAMAR VARNISH. This white varnish is made from Damar gum. It works easily, has good body and is unexcelled in drying qualities. Not intended for furniture or outside work. Not as high a grade of varnish as our Pure Batavia Damar. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

B. ASPHALTUM. This is a quick air-drying varnish of fine lustre and made of a good grade of asphaltum. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

T. ASPHALTUM. This is a quick air-drying black varnish of splendid lustre made from the best grade of asphaltum. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

BRONZING LIQUID. This is a specially prepared vehicle for use in mixing with bronze powder to make gold paint. It is free from disagreeable odors and will give good results on all surfaces, hot or cold, exterior or interior. It is not a pyroxylin compound. One quart of the liquid mixed with one pound of bronze powder will cover 550 feet of radiation. The leaf of an average radiator contains about

1 foot of radiation or about 60 feet of radiation to 1 inch of radiation.
Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans. Before
applying, sandpaper all rusty or rough spots.

Used or Sold by

Decorators	Plumbers
Painters	Dealers
Property Owners	Jobbers

Used for Making bronze paints.

Japans and Driers

Nonpareil Japan	Turpentine Japan
Coach Japan	White Japan
Supreme Japan	B. & T. Japan

NONPAREIL JAPAN.—This is a pale oil japan and has been known
for many years to the automobile and carriage trade. Its reputation
extends all over the country and abroad
wherever paints and varnishes are used.

Nonpareil Japan is extensively used for
the manufacture of "rough stuff" and is
the only japan known that will hold the
filler in suspension. Owing to its remark-
able elasticity there is no cracking of the
undercoats.

Sign painters have for years used it as a
gold size and declare there is nothing equal
to it. Gold leaf can be laid safely in from one
hour to one hour and a half. It is very pale
and this is essential where it is to be used
with delicate colors.

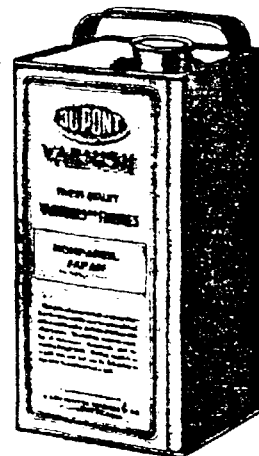
Other manufacturers have tried for
years to produce a good imitation of Non-
pareil Japan, but have failed.

COACH JAPAN.—This is a turpentine
japan of strong drying and binding qualities, and is well adapted for
the use of the carriage and automobile painter. It will mix perfectly
with raw oil.

SUPREME JAPAN.—In drying strength this surpasses anything
in the market, and is unequalled for mixing, as it mixes with colors and
cheap oils without "hyvering up." It is a superior article in every
respect.

CAUTION.—In mixing with most of the colors, one gill of Supreme
Japan to the gallon of paint is sufficient. Never use more than 12 $\frac{1}{2}$
gills to the gallon of paint.

TURPENTINE JAPAN.—It is a rapid drier and good binder, of a
good color, and will mix well with linseed oil without curdling. Packed
in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.



WHITE JAPAN—This is an excellent undercoat for use with white and light colored paints; it mixes well, is pale in color and has good heat and drying strength. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

B & T. JAPAN—This is a good drier and binder for paints. It mixes well with linseed oil and has a good color. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Marine Varnishes

Navalite

Cabinoleum

NAVALITE—See description page 165.

CABINOLEUM—It is a very superior marine varnish for interior work of ships, yachts, etc. It is not intended for outside exposure, but will withstand heat, soapsuds and hard usage. It is a pale, free-working varnish, dries quickly and gives a beautiful finish. One gallon will cover 500 square feet, one coat. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

Automobile Varnishes

Auto Gear Finishing

Auto Body Finishing

Auto Body Rubbing

Auto Body White Rubbing

Auto White Body Finishing

Auto White Gear Finishing

Medium Drying Auto Body Finishing

Medium Drying Auto Gear Finishing

Auto Body Primer Black

Ebonlak Quality Finishes

No. 1301 Chassis Black Finishing

No. 192 Chassis Black Finishing

A. D. Black Japan

Auto Gear Primer and Surfacer

Auto Body Wood Primer

Auto Body Surfacer

Auto Body Metal Primer

Auto Putty

The varnish room should be clean, dry and free from dust and smoke. Before varnishing sprinkle the floor with water and see that the room is ventilated, though no drafts should be permitted on the work.

Never clean brushes in benzine, naphtha or turpentine. When not in use keep them dipped in varnish one quarter or one half inch above the lower edge of the tin band. Each brush should be kept in the grade of varnish in which it is used. Those for finishing should be kept in body varnish and those for undercoats in rubbing varnish. Never keep brushes in oil or turpentine.

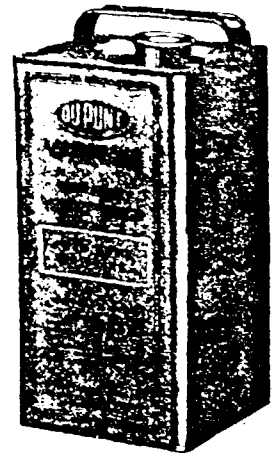
Daylight is the best drier and hardener for varnishes; therefore varnishing should cease at least two or three hours before sunset especially in dark, cold or damp weather; and if longer daylight can be given, so much the better. The temperature should be kept at about summer heat 70 to 80 degrees F. during the process of varnishing and for several hours thereafter, if possible. In fact, an even temperature, day and night, is very desirable in a varnish room.

After the completion of a vehicle, the more frequently it is sponged off with clean, cold water before it is sent out, the longer will be the finishing coat and the more lasting its lustre. It should not be exposed to the sun or dust during this time.

Buyers of newly finished vehicles should be cautioned, also, to wash them carefully immediately after use with plenty of cold water, and to dry them with chamois skin to prevent spotting.

All our varnishes are carefully and thoroughly tested by a competent and experienced automobile painter before they are sent to our customers.

Finally, do not condemn any varnish on one trial. If it fails to please you the first time, look carefully over the whole ground to see if you can find where the trouble lies.



AUTO GEAR FINISHING.—This varnish is heavy in body, has good flowing qualities, brilliant lustre, and wears well. Dries dust free in five hours and hardens in forty-eight hours. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

AUTO BODY FINISHING.—This is a finishing varnish for fine work, has a brilliant lustre, is light in color and has splendid wearing qualities. Dries dust-free in five hours and under favorable conditions may be handled in thirty-six hours.

Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

AUTO BODY RUBBING.—This is a body rubbing varnish of high quality. It flows well on large panels and produces a fine surface for finishing coats. It has a medium body, good color, dries hard overnight and rubs in forty-eight hours without "sweating." This varnish mixes readily with japan colors. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

AUTO BODY WHITE RUBBING.—It is extremely pale in color, medium body, works and flows splendidly and can be rubbed in forty-eight hours without "sweating." Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

AUTO WHITE BODY FINISHING.—This is an exceedingly pale varnish especially adapted for use over light and delicate colors. It is designed for fine work, has a brilliant lustre and dries dust-free in six to eight hours, hardening in thirty to forty-eight. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

AUTO WHITE GEAR FINISHING.—This is a varnish of the highest quality, designed especially for finishing wheels and underpart of automobiles. It has medium body, brilliant lustre and wears well.

It is a good covering, quick, air-drying black japan and can be used on most any kind of work where a cheap black japan is desired.

MEDIUM DRYING AUTO BODY FINISHING.—This varnish has a brilliant lustre and fine wearing and working qualities. It dries dust-free in three to four hours and under favorable conditions may be handled in twenty-four to thirty-six hours. It shows remarkable resistance to oils as well as to mud and to water. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

MEDIUM DRYING AUTO GEAR FINISHING.—This varnish has good working qualities, wears well and dries with a remarkably high lustre, dust-free in four hours and hardens in eighteen to twenty-four hours. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

AUTO BODY PRIMER BLACK. This material is intended for priming or first coating on metal bodies; it has great toughness and durability. Packed in $\frac{1}{2}$ pint, pint, quart, $\frac{1}{2}$ gallon and gallon cans.

EBONBLAK QUALITY FINISHES.—For description see page 141.

NO. 1301 CHASSIS BLACK FINISHING.—It is a very high-grade, air-drying black for chassis work, which covers solidly with one coat.

NO. 192 CHASSIS BLACK FINISHING.—It has splendid covering capacity and gives entire satisfaction where a cheap chassis black finish is desired.

A. D. BLACK JAPAN.—It is a good covering, quick, air-drying black japan and can be used on most any kind of work where a cheap black japan is desired.

AUTO GEAR PRIMER AND SURFACER.—We wish to call especial attention to this material, inasmuch as in this we have given the trade exactly what has been used for years by all old, reliable and up-to-date carriage and automobile painters.

Every painter knows the merits of lead, oil and "turps" for undercoats for gear work. In this material you have it. Pure lead, pure oil and pure turpentine are used.

It is in paste form, and we recommend thinning as follows:

For Primer:

- One quart paste
- One quart pure linseed oil
- One quart pure spirits of turpentine
- Allow forty-eight hours to dry.

For the Surfacer, thin as follows:

- One gallon paste
- Half gallon pure spirits of turpentine
- Sand and apply color varnish after twenty-four to forty-eight hours.

It is put up in packages of 5 pounds, 10 pounds, 25 pounds, 100 pounds, half-barrels and barrels. Made in light and dark slate color.

AUTO BODY WOOD PRIMER.—This material is intended for priming or first coating on wooden bodies. It has great toughness and durability; one coat producing better results than one coat of putty and one coat of lead as ordinarily used. A medium sand or coarse sand, if applied, care being taken to brush well into the wood. All puttying and glazing should be done on this coat the next day after it is applied, and should be followed forty-eight hours after application of the primer with our Auto Body Surfacer. Made in light and dark slate color.

AUTO BODY SURFACER.—This surfacer is a liquid, rough stuff made on a special formula and of special material, producing an extremely tough and durable undercoating, especially adapted to automobile painting. A rather heavy coat should be flowed on about like a coat of body varnish. It flows out perfectly, leaving a very level surface, which cuts very rapidly with rubbing brick, abrasive paper or lump pumice stone to a smooth finish. Made in light and dark slate color.

AUTO BODY METAL PRIMER.—This material is intended for priming or first coating on metal bodies. It has great toughness and durability; one coat producing better results than one coat of priming and one coat of lead as ordinarily used. Metal being non-absorbing, this coat should be brushed out well. May be baked if desired. All puttying and glazing should be done on this coat the next day after it is applied, and should be followed forty-eight hours after application of the Primer with our Auto Body Surfacer. Made in light and dark slate color.

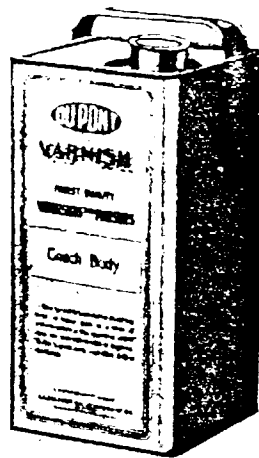
AUTO PUTTY.—Auto Putty is made expressly for use with our system of auto painting. In it the very best material for this purpose is used, and it will be found to give the best of satisfaction in connection with our Auto Body Primer and Surfacer. It is made in light and dark slate color.

Carriage and Automobile Varnishes

Coach Body	Quick Black Rubbing
Coach Rubbing	Quick Finishing
No. 1 Carriage Body	Quick Rubbing
No. 1 Carriage Gear	Standard Black Rubbing
No. 1 Carriage Rubbing	Standard Rubbing
No. 90 Heavy Gear	Pale Durable Body
One Coat Coach	

COACH BODY.—This varnish is intended for finishing coats on repair work or on a class of vehicles where a less expensive article than our standard brands is required. It has good body, and dries with a fine lustre.

COACH RUBBING.—This varnish is intended to be used on vehicles where time is an important factor. May be rubbed in eighteen to twenty-four hours.



NO. 1 CARRIAGE BODY

This is a fine, clear, transparent varnish, of a rich, dark color, and is the best for use on carriage bodies. It flows well and gives with a fine lustre.

NO. 1 CARRIAGE GEAR. This varnish has good body, works freely and has a brilliant lustre. It is very elastic, and dries hard overnight. All our gear varnishes are noted for great durability.

NO. 1 CARRIAGE RUBBING. This varnish has good body, and may be rubbed in twenty-four hours. For hurried work, it is unequalled. In very warm weather give it thirty hours before rubbing.

NO. 90 HEAVY GEAR. This is for use on work where the price will not permit the use of a more expensive varnish. Has good body, and dries in twenty-four hours with a fine lustre.

ONE COAT COACH.—This varnish is especially adapted for finishing where haste is required and rubbing varnish cannot be used. It has good body, fine lustre, works freely and one coat is sufficient over dead color or color varnish. Dries free of dust in four to five hours and hardens in twenty-four to thirty-six hours.

QUICK BLACK RUBBING.—This is a jet black varnish of dense color, and possesses unusual covering and working qualities. It has no equal in the market. Can be rubbed safely in two days. Our rubbing varnishes have never been known to crack.

QUICK FINISHING.—This is an excellent article for finishing coats. It answers equally well for bodies and gears, flows freely and has a fine lustre.

QUICK RUBBING.—This varnish has good body and color, and is designed for quick coach work. It will rub in forty-eight hours without "sweating out."

STANDARD BLACK RUBBING.—This is jet black varnish of dense color, and possesses unusual working qualities and covering power when used over flat black. It has no equal in the market. Can be rubbed safely in four days.

STANDARD RUBBING.—For producing a smooth, hard and durable surface on coach work, this varnish is unequalled. It has good body, flows out finely, and will rub in three or four days, according to temperature, without "sweating out." In extremely hot weather it may be necessary to give it a day longer.

PALE DURABLE BODY.—This varnish is extremely pale, has great brilliancy, durability and fine flowing qualities. It is intended

best of the best grade of lead, filled in 2 1/2 and 5 pound cans. It is used for outside painting, especially for the makers of Docks and other outside work, and covers a great deal of the work of the extreme end of the building trade. You need not carry over the largest of these, it is the best known.

DU PONT SANITARY PASTE WHITE.—This is a paste white ground in a flatting vehicle of the master hand of the painter. It is used for all the work of the interior work, and is made of the best grade of lithopone and zinc white. It is especially recommended for its superior covering power and extreme whiteness. The pigment is "Beckton White," supported in the most satisfactory manner in ground in the most refined oil of the finest quality. This combination adapts itself to the widest possible range of interior finishes. It is required with Old English Paint Oil, turpentine or a substitute, and linseed oil. For an enamel, gloss Damar varnish is recommended. Packed in 12 1/2 and 25 pound cans and 100 pound steel drums.

Used or Sold by

Dealers	Schools
Painters	Joiners
Mill Owners	Factories
Contractors	Decorators
Hospitals	Barbers
Public Buildings	

Used for—Practically all classes of inside painting.

DU PONT INTERIOR PASTE WHITE.—This is ground in a linseed oil vehicle. It is particularly adapted for interior gloss finish and can also be reduced to a semi-gloss or a flat. Packed in 12 1/2, 25 and 100 pound packages.

Used by

Master Painters	Decorators
-----------------	------------

Used for—All classes of inside painting.

TRADE WHITE.—This is a paste for plumbers' use in coating threads or pipes. It is known as "Connecticut White." Composed of lithopone and barium sulfate in a vehicle of linseed oil, neutral oil and other. Packed in 1 and 5 pound cans.

Used by—Plumbers and steam fitters.

Used for—Leading pipe joints.

WHITE LEAD In Oil.—This is a mixture of 92 per cent weight of pure stock Dutch and Carter processes basic lead



carbonate finely ground in 8%—about one gallon of the best refined linseed oil. In this mixture is combined the advantages of each process and due to the minimum of voids in the film it has greater hiding power and more durability than straight Carter process lead. It is very fine in texture and possesses extreme whiteness and excellent spreading qualities. Packed in 1 and 5 pound cans, 12 $\frac{1}{2}$, 25, 50, and 100 pound kegs.

Used or Sold by

Architects	Shipyards
Builders	Steamship Companies
Contractors	Real Estate Dealers
Factories	Property Owners
Mining Companies	Painters
Municipalities	Dealers
Railroads	Jobbers

Used for—Painting exterior and interior surfaces of wood, metal plaster, brick and other material.

BULLETIN COLORS.—These colors are ground in linseed oil to a paste form especially for the use of the sign painter. They can be thinned with any suitable vehicle. Although we make a large number of colors, we have selected thirteen as standard, consisting of three greens, three blues, three yellows, two vermilions, flaming red and black. Special Bulletin Colors of almost any shade can be furnished on special order in minimum lots of 100 pounds. Packed in 5 pound pressed cans and 5 pound plain cans.

Used by—Sign painters and bulletin board manufacturers.

Used for—Sign painting.

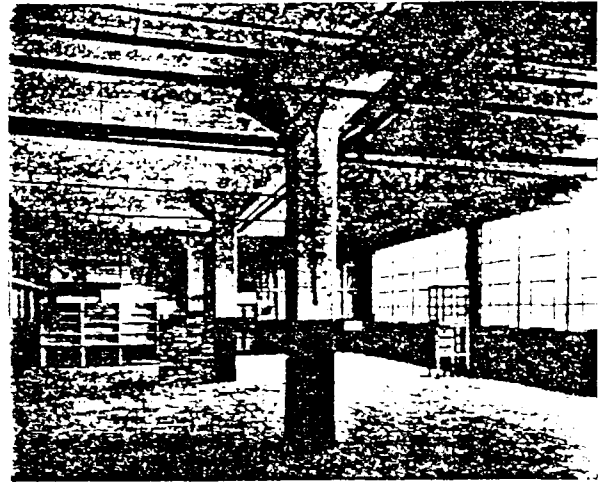
SMOKESTACK PAINT.—This is a paint that withstands the high temperatures met with on hot stacks. It bakes to an enamel-like surface which resists corrosion and which is impervious to moisture and gases. Can be applied when the stacks are hot. Packed in gallon and 5 gallon cans, half-barrels and barrels.

Used by—Owners of all kinds of metal stacks.

Used for—Painting smokestacks.

INDUSTRIAL SALES

...the most efficient acid-resisting black paint the Company has ever made to produce. It is used on Du Pont tank cars and also on Du Pont buildings located in acid zones. Dries rust free in one hour, free from tackiness in six hours and hard in twenty-four hours. If two coats are applied in 24 hours for first coat to dry. On old work one coat is usually sufficient. One gallon will cover 500 square feet, one coat. Packed in gallon and 5 gallon cans, 1/2 barrels and barrels.



FABRIK INTERIOR SHOWING THE APPLICATION OF ACID-RESISTING BLACK PAINT AND FLOOD AND DRAINAGE.

ACID-RESISTING BLACK, NO. 20—This is a coating for all factories that is subjected to the most severe conditions of acid fumes. This is the most efficient acid-resisting black paint the Company has ever made to produce. It is used on Du Pont tank cars and also on Du Pont buildings located in acid zones. Dries rust free in one hour, free from tackiness in six hours and hard in twenty-four hours. If two coats are applied in 24 hours for first coat to dry. On old work one coat is usually sufficient. One gallon will cover 500 square feet, one coat. Packed in gallon and 5 gallon cans, 1/2 barrels and barrels.

DUP 000232

Used by

Acid Manufacturers	Chemical Manufacturers
Paper Manufacturers	

Used for—Painting acid cars, metal work that is subjected to acid fumes.

BROWN SLUSH PAINT.—This is a ready-for-use paint for bottoms of commercial vehicles. It is used to replace higher priced paint for such work. Dries in 24 hours. Not carried in stock but furnished on special orders. Packed in barrels only.

Used by

Implement Manufacturers	Tractor Manufacturers
Truck Manufacturers	Pump Manufacturers
Wagon Manufacturers	

Used for—Painting implements, tractors, pumps, and bottoms of commercial vehicles.

CRATE PAINTS.—Made in semi-paste form and can be reduced for either dip or brush work. Furnished in Persian orange, blue Du Pont Whistle Colors, and in yellow. A thinning varnish also can be furnished. These paints are not carried in stock but are furnished on special orders. Packed in 5 gallon cans, $\frac{1}{2}$ barrels and barrels.

Used by—Bottling companies.

Used for—Painting crates.

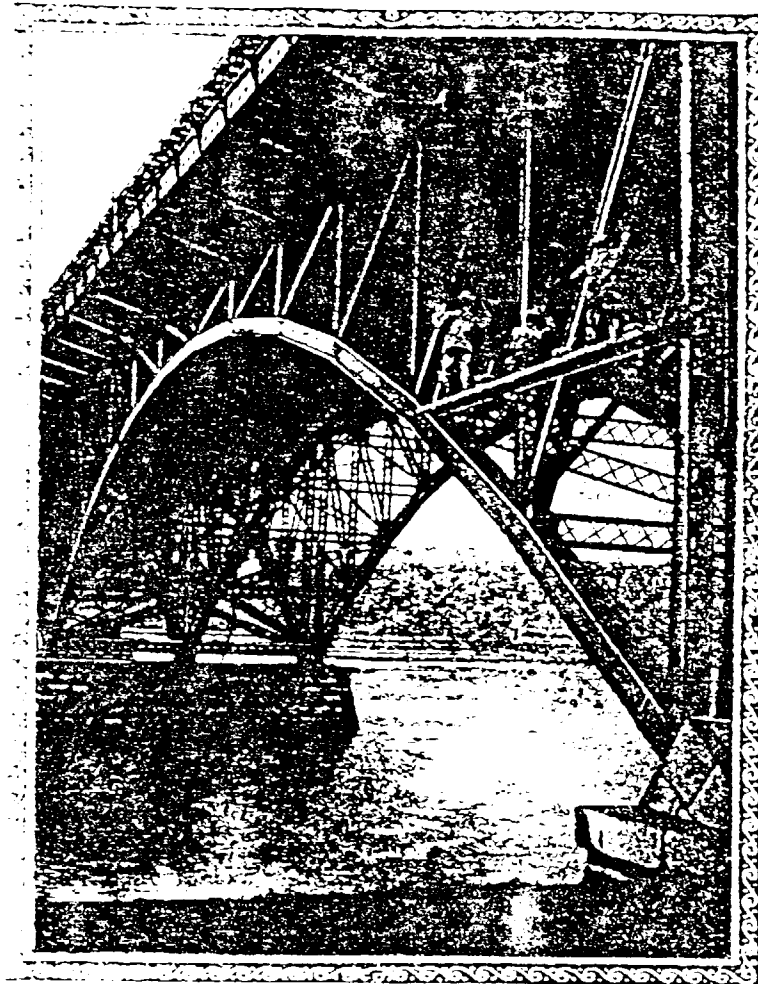
FERRO-KEEP.—This is a high quality metal protective paint, second in quality to Antoxide for preservation of metal surfaces. It contains rust inhibitive properties, has a linseed oil vehicle and may be used where the very highest quality is not essential. It brushes out easily and dries with a full oil gloss. It may be applied the same as Antoxide. One gallon will cover 400 square feet, two coats. Furnished in three colors and black—green, red and gray. Packed in gallon and 5 gallon cans, half barrels and barrels.

DIRECTIONS.—Same as for Antoxide.

Used by

Builders	Factories
Contractors	Railroads
Construction Engineers	Shipyards
Counties and Towns	

Used for—Painting all kinds of iron and steel structures and steel in reinforced concrete.



FORREST RESULTS. RECOMMEND ANTONOXIDE

HARCO 7123 BODY PRIMER.— This is a body primer for medium priced work on bareboard bodies. Supplied in ready mixed form, but if necessary may be thinned with linseed oil or Old English Paint Oil. Dries in 4 hours. Furnished in brown only. Packed in 5 gallon cans, half barrels and barrels. Not carried in stock but furnished on special order.

186

DUP 000234

Used by—Implement, truck and wagon manufacturers.

Used for—Priming work on flareboard bodies.

METAL PRIMER (Dark Gray).—This primer is intended for use on metal bodies and possesses rust inhibitive properties. It presents the highest type of foundation coat on which to build up the finish, and prevents the corrosion of the metal surface.

NO. 2 READY MIXED RED LEAD PAINT.—This is made in accordance with specifications of the War Department. Pigments consist of 60% Red Lead and 40% Asbestine. Not carried in stock but furnished on special order. Packed in 5 gallon cans, half-barrels and barrels.

NO. 3 RED LEAD PAINT.—This is an excellent paint for general commercial purposes. Composed of 50% Red Lead and 50% Asbestine. Packed in 5 gallon cans, half-barrels and barrels.

Furniture Varnishes

Rock Coater	H. D. Gloss	Extra Rubbing
One Coat Finish	White Flowing	Fast Rubbing
Extra Coach	Table Top Finish	No. 24 Rubbing
Crystal Gloss	H. D. Seat Varnish	Dull Rubbing
Rock Gloss	New Rubbing	Fine Polishing

A selected list of standard varnishes for the furniture trade has been chosen from those previously manufactured and sold for such purposes. These varnishes will give satisfaction in every way. Packed in 5 gallon cans, 1/2 barrels and barrels.

ROCK COATER.—This is a very satisfactory pigment primer which dries in four to six hours, sands easily and does not gum. Holds out the finishing coats of varnish exceptionally well.

ONE COAT FINISH.—This varnish is a high grade, full bodied varnish of excellent brushing, flowing and leveling qualities. It dries with a high gloss and gives a very tough, hard finish. It may be rubbed in two days and polished on the third day. It is furnished in extra heavy brushing body and may be thinned 20 to 25% for medium or light brushing body. Dries for packing in twenty-four hours. It is recommended for high grade work.

EXTRA COACH.—This is a long oil heavy bodied, hard gum varnish of good color. Flows very freely and levels satisfactorily, showing no brush marks. Dries hard with good gloss and is quite tough and elastic with no tendency to powder. Can be rubbed in 36 hours. Very satisfactory for furniture, cabinet work or tables. Should be allowed to dry twenty-four hours before packing.

CRYSTAL GLOSS.—This is an excellent finishing varnish, possessing very good brushing, flowing and leveling qualities and dries with a high lustre. Can be rubbed in 36 hours. It is furnished in very heavy brushing body and may be reduced 20 to 25% for medium or light brushing body. Dries hard for packing in twenty-four hours.



FERRO-KEEP IS A GOOD METAL PROTECTIVE PAINT

ROCK GLOSS.—This is a higher gloss product than *H. D. Gloss*, but of the same general character as to color. It has a higher lustre and is somewhat tougher and more elastic, due to the increased oil content and hard gum. It is heavy in body and requires thinning for brushing or dipping. Flows freely, levels well, shows no brushmarks and dries hard overnight. May be brushed, sprayed or dipped. Can be rubbed in 36 hours.

H. D. GLOSS.—It is a fairly long oil varnish containing hard gum. It is full, true bodied, light colored and very free flowing for a quick furniture varnish. It levels well and shows no brushmarks. Dries dust-free in a short time, firm to the touch overnight and hard in twenty-four hours. The lustre is high and the varnish is well adapted for chair and medium cabinet and furniture work where a low priced and quick-drying grade must be used. It works particularly well for a low priced varnish and may be brushed, sprayed or dipped.

WHITE FLOWING.—This is a standard, extra flowing varnish adapted for white reed or rattan work, wicker furniture, baby carriages, etc. It flows freely, does not run and does not discolor the work.

Should be rubbed out quickly, not allowed to dry, which will result in an excessive amount of whitening and thus cause strips of teats which mar the work, especially if an excessive amount of varnish is liable to cause discoloration. This varnish has a good rich gloss when used on work properly coated. Dries hard in 24 hours. Both rood and rattan are very porous and should be thoroughly sized to prevent the varnish striking in, which causes the work to look discolored and the finish to appear dull.

TABLE TOP FINISH.—It is a long oil, heavy bodied, hard gum varnish of good color. It is very free flowing and has satisfactory leveling qualities. Dries hard with a good gloss. It has no tendency to powder and will not spot white. Will give excellent satisfaction for table top work. Should be allowed to dry twenty-four hours before packing.

HARD DRYING SEAT VARNISH.—This is a short oil, hard gum, full bodied varnish of light color. It has very free flowing properties, and for a quick, hard drying varnish necessary for seats, levels well and shows no brushmarks. Dries dust free very quickly. Can be rubbed.

NEW RUBBING.—This is a very high grade rubbing varnish, heavy in body, which may be rubbed in two days and polished the third day. It polishes with an exceedingly high lustre. The varnish is recommended for the very best work.

EXTRA RUBBING.—This is a full bodied, light colored, hard gum furniture rubbing varnish which may be offered for a good grade of polishing work. It flows freely, levels perfectly, dries firm over night and hard in thirty-six hours with a deep, glossy coating. May be rubbed in two or three days and when required for polishing twelve hours should be allowed for hardening after being rubbed. It is recommended for desks, cabinet work, office and dining room chairs, etc.

FAST RUBBING.—It is a short oil, hard gum, quick rubbing varnish. Flows freely and levels out well. Dries hard overnight and rubs easily and quickly to a good polished finish. May be rubbed in forty-eight hours. This varnish is a high grade, quick rubbing varnish, light in color and very satisfactory for work which must be put through quickly and on which a good rubbed finish is required.

NO. 24 RUBBING.—It is a short oil, full bodied, hard gum, rubbing varnish. Medium in color, dries firm overnight and hard enough to rub in twenty-four hours. It is quite tough and elastic, rubs easily, showing smooth, full body with a semi-polished finish. This is an exceptionally fine quick rubbing varnish at a low price.

DULL RUBBING.—It is a very elastic and high grade furniture rubbing varnish. It is full bodied, light colored, very free flowing and levels perfectly. Dries firm overnight, and hard enough to rub in forty-eight hours. Adapted for high grade artistic work.

FINE POLISHING.—This is a heavy bodied, hard gum polishing varnish. Light in color and flows and levels nicely. If used for quick

work, it should be rubbed with the finger, so that the surface is smooth before it is applied. Dries hard in twenty-four hours. If polished, will resist water for twenty-six to thirty-eight hours. If polished, will resist water for twenty to twenty-four hours after being rubbed. This varnish is made of a deep, full body of finish and is adapted for high grade work.

Special Varnishes for Wagon and Implement Work

No. 1010 Varnish

No. 145 Special Coach

Implement Coach No. 6737

Wagon Coach

The following coach varnishes have been designed especially for the use of manufacturers of wagons, vehicles and implements.

NO. 1010 VARNISH.—This is an elastic durable varnish, medium in body and medium light in color. It can be used for all wagon, implement, sled, toy and novelty work. Resists water and will not spot. Packed in 1 gallon and 5 gallon cans, half-barrels and barrels.

IMPLEMENT COACH NO. 6737.—This is an implement-wagon coach varnish for general shop work. It is light in color, is free working, will not scratch easily and has good body. It can be used over pale colors, does not spot white from moisture, and dries well. Dries dust free in three to four hours, hard in twenty-four to thirty-six hours. Packed in 1 gallon and 5 gallon cans, half-barrels and barrels.

Used by

Wagon Manufacturers

Implement Manufacturers

Sled and Toy Manufacturers

Novelty Manufacturers

Used for

Varnishing Wagons

Varnishing Implements

Varnishing Sleds and Toys

Varnishing Novelties

SPECIAL COACH NO. 145.—For a cheaper grade of implement and wagon work, toys and novelties recommend this product. Will give the same result as average varnishes under water test. Dries hard in 24 hours. Packed in 1 gallon and 5 gallon cans, half-barrels and barrels.

Used by

Wagon Manufacturers

Vehicle Manufacturers

Implement Manufacturers

Sled and Toy Manufacturers

Used for

Varnishing Wagons

Varnishing Vehicles

Varnishing Implements

Varnishing Sleds and Toys

Varnishing Novelties

WAGON COACH.—This is a heavy-duty varnish which is especially adapted to give good durability to the body of a wagon or coach. It is applied by brush or spray and dries in about 24 hours. It is a good gloss and withstands moisture.

Spirit Varnishes

Burlac	Pontolac
Handelac	Rapidri, clear
Kwik-Lac—shellac substitute	Trimbling Finishes

RAPIDRI.—This is a clear, very quick drying spirit primer used extensively as a first coater by toy manufacturers, handle manufacturers, sledmakers and in miscellaneous woodworking concerns making various types of novelties. It dries almost instantly and is ready to recoat in one hour. It deposits upon the surface a thin, water-proof film. It should be thinned with about 25% naphtha and may be dipped or brushed. When reduced it covers 400 to 600 square feet, one coat to the gallon. The film of Rapidri is impervious to finishing materials cut in alcohol or similar solvents, as the gum used in making Rapidri is insoluble in such solvents. Over Rapidri may be applied Handelac or other varnishes.

Aniline colors may be dissolved in benzol and added to Rapidri, thus coloring it and thereby providing a combined stain and filler. On orders for 50 gallons or more we are in a position to furnish Rapidri in red, yellow, black and green. Prices on these colors quoted on application.

Rapidri (Clear) is not recommended as a First Coater for furniture work.

HANDELAC.—This is a clear, rapid drying spirit varnish which dries dust-free in ten minutes and hard in five to six hours. It is elastic and does not mar easily. This material may be used as a clear finish or may be colored. It is very generally used over Rapidri in the toy, handle, sled and miscellaneous woodworking trades. Its spreading capacity may be calculated at 500 to 700 square feet, one coat to the gallon. Handelac should be reduced 25% with a mixture of $\frac{1}{3}$ naphtha and $\frac{2}{3}$ of alcohol.

BURLAC.—It is a substitute shellac which is heavier in body than Kwik-lac, but does not sand as readily for furniture work. It is recommended for use on work where no sanding is necessary. Packed in five-gallon cans, half-barrels and barrels.

KWIK-LAC.—See under Trade Sales, page 150.

PONTOLAC.—This is applied over Light and Dark Mahogany Penetrating Stains to develop the color and to prevent the stain from bleeding through the varnish coat. It may be applied in a thin even coat as soon as the Penetrating Stain is dry. When the Pontolac has dried it may be lightly sanded and varnished. Will cover 500 to 600 square feet a gallon. Packed in 5 gallon cans, half-barrels, and barrels.

TUMBLING FINISHES. The system of tumbling is known as "tumbling" because the objects are too small to be finished by hand, known as "tumbling" because it is a very economical and economical method. The finishes are all of a transparent which are highly satisfactory characteristics.

A large barrel, with a large opening that may be closed tight, is revolved. The objects to be finished are placed inside and tumbled about for a time. Knobs, handles, spindles, toys, novelties, ten pins and all kinds of small turnings may be treated in this manner.

Application. To a half barrel or more of turnings add separately one gill of No. 2 and one pint of No. 1, distributed evenly over the work. Do not, under any condition, mix the No. 2 and No. 1 together before applying to the turnings, but first add the No. 2 and then follow with the No. 1. Use no pumice, as it will show through the finish. Allow to tumble until dry, which will require approximately 45 minutes. Then add separately one pint of No. 2 and from one-half to one gill of No. 1 and again run until dry. At the end of this operation if you have not the high lustre desired, repeat the last application and run until dry.

Where an extra high gloss finish is required, make a final run, using one-half pint of No. 3 finish reduced with one gill of No. 1. This will require from 20 to 30 minutes.

Black Finishes

No. 1 Black Asphaltum	Brilliant Black Baking Wood
No. 18 Black Japan, A. D.	Enamel
No. 38 Black Baking Japan	No. 2667 Black Baking
No. 43 Black Baking Japan	Japan
No. 101 Black Baking Japan	Black Baking Dull Rubber
Black Baking Wood Filler	Finish
Brass Lamp Velvet Black, A. D.	Brass Lamp Black Velvet
Brass Lamp High Gloss Black, A. D.	Baking
Black Baking Rubber Finish	Brass Lamp High Gloss Black
	Baking

NO. 1 BLACK ASPHALTUM.—This is a quick drying varnish that gives a brilliant, deep, black lustre on iron work. Dries hard in eight hours.

NO. 18 BLACK JAPAN, AIR-DRYING.—This is a standard high grade, rich, deep black. It has a durable high gloss which dries dust-free in one hour and hard in ten hours. Furnished in brushing consistency and can be reduced approximately 25% for dipping. Dries hard in 10 hours.

NO. 38 BLACK BAKING JAPAN.—This is an economical, low temperature baking product, suitable for machinery parts, etc. It should be baked from one to two hours at 180° to 250° F. It is a deep black color and covers well in one coat. It is free flowing and gives a

NO. 4 BLACK BAKING JAPAN.—This is our second grade black baking japan. It is medium consistency and of a good, thick body, brushing consistency No. 48. It is used regularly for utensils, tools, etc. It should be baked at 200° to 300° F. from one to two hours. Will cover well in one coat. Offered as a high grade product for general purpose work. Can be reduced 25% for brushing consistency and 50% for dipping consistency.

NO. 101 BLACK BAKING JAPAN.—This is our highest grade black baking japan. It is a very long oil, free flowing product for the finishing of fine work such as automobile bodies, fenders, etc. Necessitates the use of Black Baking Dull Rubber Finish or two coats of this material. Should be baked at 300° to 400° F. from one to two hours depending upon the finish desired. Offered as the highest grade black baking japan obtainable. Supplied in brushing consistency and can be reduced 25% for dipping.

BLACK BAKING WOOD FILLER.—This material is in a semi-paste consistency which dries very slowly to a flat film. After drying three hours, the film, although soft, is not tacky because of a considerable quantity of pigment present. Can be used either for dipping or tumbling.

For Tumbling.— $\frac{1}{2}$ pint mixed with $\frac{1}{2}$ pint of benzine should be poured into a 50 gallon barrel, three-quarters full of turnings. Tumble for 30 minutes, but after 5 minutes add $\frac{1}{2}$ pint of gasoline. The second and third tumbling coats should be reduced to a proportion of 50-50 but no further application of benzine is necessary. For dipping work, the material should be reduced not less than 40% and baked at 250° F. for three hours. Will air dry overnight. It is not recommended for air drying, however, because of the liability of moisture in wood.

For metal work, reduce material 40% naphtha and 10% turpentine. Should be baked for three hours at 250° F.

BRASS LAMP VELVET BLACK, AIR DRYING.—This product is an easy working black of medium body. It dries overnight, and gives a black velvet finish. It covers solid in one coat and should be applied as received in container.

BRASS LAMP HIGH GLOSS BLACK, AIR DRYING.—This material dries hard overnight, yields a film which is very black, has good gloss and is tough and elastic. One coat will give satisfactory finish over bare metal. It will bake in one hour at 200° F. Air dries overnight. Can be used as a low heat baking enamel where soldered points have to be taken into consideration.

BLACK BAKING RUBBER FINISH.—This product can be used either on wood or on metal, but it is designed primarily for wooden handles. Can dip or spray with it. This material should be used over

one coat Black Baking Wood Filler and one coat of Brilliant Black Baking Wood Enamel to obtain a satisfactory finish when a high priced finish scheme is desired. One coat over these finishes will give satisfactory results. It should be reduced approximately 20%. Should be baked for three hours at 250° F. or overnight at a lower heat.

BRILLIANT BLACK BAKING WOOD ENAMEL.—This is a heavy bodied product. Should be thinned with benzine (about 33 1/3%) and should be used as a dipping material. Covers well in one coat, but to obtain a highly satisfactory finish at least two coats should be applied over Black Baking Wood Filler. Can be used on a metal surface. It should be baked at approximately 325° F. for two hours, or 275° F. for three hours.

NO. 2667 BLACK JAPAN.—This product should be used when a cheap finish is desired. This material should be used over a Dull Rubber First Coater. Should be baked at 300° F. for three hours. Thin with half portion of benzine and half portion of kerosene. Film has good hardness, good gloss, but poor elasticity.

BLACK BAKING DULL RUBBER FINISH.—This material is used when a rubber finish is desired on metal. May be thinned with benzine one-third for spraying or dipping consistency. It is also used for a first coater when a brilliant gloss finish is desired. It will add density and depth to the finished product. Should be baked for three hours at 300° F.

BRASS LAMP BLACK VELVET BAKING.—It was brought out some years ago when automobile lamps, horns and small parts were made of brass and when it was difficult to obtain a black that would cover and adhere perfectly in one coat. This was accomplished by this product and the critical trade recognized it as a superior article.

It bakes perfectly at from 250 to 275° F. in from two to three hours. One reason why it has been popular is that it did not require as high a temperature as some of the cheaper grades of black.

For spraying it is very satisfactory and requires very little reducing, which on fine articles should be done with turpentine rather than with naphtha.

For brushing it is ready to use as shipped and will brush free from brush marks and cover perfectly.

BRASS LAMP HIGH GLOSS BLACK BAKING.—This is also a baking grade of japan with which the best results may be obtained at a comparatively low heat— 250 to 275° F. It is a different article from most of the gloss japans, for while thin in body it covers perfectly with an intense sharp gloss black and does not rub out on the edges with a brownish or reddish cast, as most cheap japans do.

Handle Finishes

Black Baking, Wood Finishes. See page 193.

Black Baking, Rubber Finishes. See page 193.

Burnished Black Baking, Wood Finishes. See page 193.

Fibre Finishes.

Quick Fibre Finish, A. D.

FIBRE FINISH.—This is a clear baking finish made especially to stand a high temperature and not to blow or to purple. It retains its body and luster and can be tumbled satisfactorily. This is not used over blacks, but it is used where finish is on natural wood or where it is desired to give a high gloss over red or other colored enamel handles. It is of medium weight and is fairly pale. At 275° F. on wooden handles over Coater Filler, it will bake in 2 hours.

QUICK FIBRE FINISH, AIR DRYING.—This product dries hard overnight. It is of medium body, fairly dark and produces a brittle film of good toughness and gloss. If thinning is necessary, use benzine.

Stains

Penetrating Stains

Dry Powder Stains

PENETRATING STAINS.—These stains penetrate deeply into the wood, do not raise the grain or lap and are clear and permanent in tone. They are used extensively by the piano and furniture trade in the following standard shades:

No. 1000 G. O. Reducing Stain

No. 234 G. O. Reducing Stain

No. 239 G. O. Reducing Stain

No. 2303 Circassian Walnut Pontolac (Mahogany Sealer)

Jet Black Ebony Stain

G. B. Light Mahogany

Brown Mahogany

Dark Mahogany

ACID STAINS.—These stains give certain tones not possible to obtain with Penetrating Stains. They bite into the wood and are true in tone and are permanent in color. The following finishes are furnished:

No. 1000 Fumed Oak

Standard Gray

No. 1158 Fumed Oak

American Walnut or Birch

No. 1314 Fumed Oak

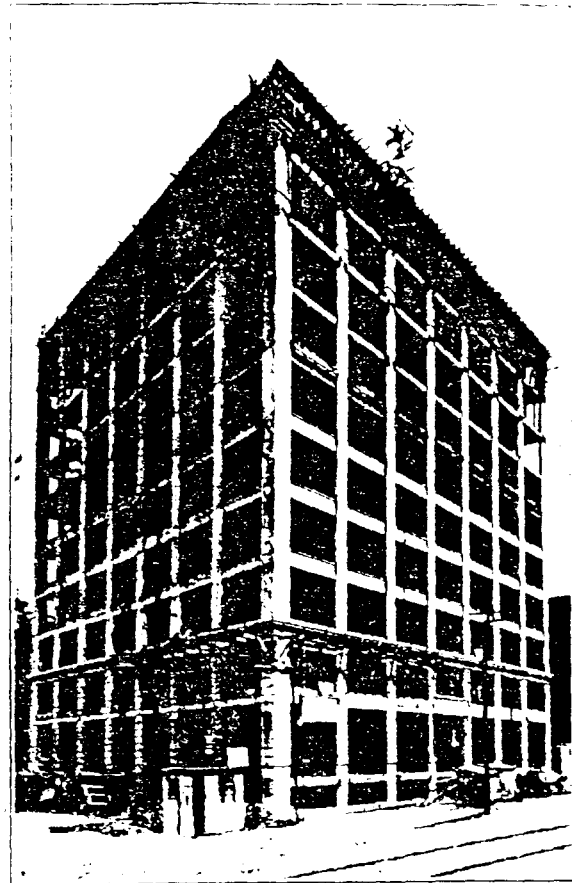
No. 1953 Toner for Sap Walnut

Packed in 5 gallon cans, half-barrels and barrels.

Used by—Piano and furniture manufacturers.

Used for—Staining purposes.

DRY POWDER STAINS.—These dry powder stains enable the foreman finisher to make his own shades of mahogany and oak in a very economical manner. They are particularly adapted for the piano and furniture trade in making liquid stain. They dissolve perfectly in



THERE IS A DU PONT PAINT FOR EVERY INTERIOR
AND EXTERIOR SURFACE.

hot water, will not settle and can be manipulated to produce a wide variety of tones, such as:

- | | |
|-----------------------|------------------------------|
| No. 23 Red Mahogany | No. 48 Brown Mahogany |
| No. 24 Brown Mahogany | No. 85 Ebony |
| No. 44 Red Mahogany | No. 70 Oak (Walnut Crystals) |

Powder Stains are packed in the following sizes:

- | | |
|----------------|-----------------------|
| 100 pound kegs | 12 1/2 pound packages |
| 50 pound kegs | 5 pound packages |
| 25 pound kegs | 1 pound packages |

Used by - Piano and furniture manufacturers

Used for - Making stains

1961

DUP 000244

Hard Wood Paste Fillers

WHITLER'S PASTE WOOD FILLER—This is a hard wood paste filler which is used to fill the pores and cavities of the wood. It forms a permanent transparent foundation for the pores of the wood for the finishing coats. This filler is in paste form. It should be reduced with turpentine or benzine to the consistency of thin flowing varnish. It is safe to estimate 8 to 10 pounds of filler to the gallon of reducer. For very open grained woods, e. g., chestnut, it will require 10 pounds of filler to the gallon of reducer. It stands more reducer than ordinary wood fillers, therefore is more economical. Its filling properties are perfect, so that the finishing coats do not have to make up for what the filler does not do. It forms a perfect foundation for a varnish finish.

For industrial use it is made in the following colors:

No. 1 Natural
No. 2500 Golden Oak
No. 76-J Golden Oak
B. B. Transparent Black
No. 10 Black
No. 3 Antique or Walnut
No. 78 I Walnut
No. 5 Walnut
Mahogany N
No. 7 Mahogany
No. 2438 Sheraton
No. 2652 Dark Mahogany or Special White

Enamels

Harco Color Machinery High Gloss
Machinery Oil Resisting Flat Target
Machinery Oil Resisting Egg-shell Gloss

HARCO COLOR VARNISHES.—These varnishes will cover solidly in one coat over wood or metal. They form a tough, durable film with an excellent luster. Furnished in brushing consistency, but may be thinned so that they can be used in dipping or spraying work, where they give very satisfactory results. Harco Color Varnishes air dry in eight to ten hours. They also may be baked at low temperature up to 200° F. from two to four hours. Packed in 1 gallon and 5 gallon cans, half-barrels and barrels in the following colors:

Red Enamel L	Yellow Enamel
Red Enamel D	Maroon Enamel
Green Enamel L	Gray Enamel L
Green Enamel D	Gray Enamel D
Blue Enamel L	Black Enamel
Blue Enamel D	White Enamel

Used by

Implement Manufacturers	Swing Manufacturers
Lawn & Porch Furniture Manufacturers	Toy Manufacturers
	Novelty Manufacturers
Metal Furniture Manufacturers	Wagon Manufacturers
Pump Manufacturers	

Used for

Implements	Metal Furniture
Novelties	Pumps
Lawn & Porch Furniture	Toys
Lawn & Porch Swings	Wagons

MACHINERY OIL RESISTING FLAT ENAMEL (In liquid form).—This enamel gives a soft, flat effect that is extremely resistant to lubricating oils and greases. It has excellent covering qualities, works easily and dries quickly. Manufactured in wine color, light steel, dark steel and black. Packed in 1 gallon and 5 gallon cans, half-barrels and barrels.

Used by

Manufacturers of heavy and light engines and machinery.

Used for

Finishing all classes of engines and metal machinery and parts.

MACHINERY OIL RESISTING EGGSHELL GLOSS ENAMEL. This enamel gives a soft effect of rubbed work. It is absolutely oilproof, dries quickly and has excellent covering properties. It is designed for the highest grade of work where there must be the least possible delay in the process of finishing.

Manufactured in maroon, light steel, dark steel, black and white. Packed in 1 gallon and 5 gallon cans and half-barrels and barrels.

Used by—Manufacturers of heavy and light engines and machinery.

Used for—Finishing all classes of engines and metal machinery and parts.

MACHINERY HIGH GLOSS ENAMEL.—This is a high grade color in varnish or enamel. It is oilproof and suitable for the finest class of machinery, as it has a high lustre, is very durable and has excellent covering qualities. Made in maroon, vermilion, steel, light green, black and white. Packed in gallon and 5 gallon cans, half-barrels and barrels.

Used for—All classes of machinery.

TARGET ENAMELS.—Very durable and permanent colors are used in the making of these enamels. The finish is hard and glossy. They are resistant to moisture and possess the maximum of durability. They are sufficiently quick drying to prevent the accumulation of dust and dirt. Furnished in yellow, red, blue, green, white and black. Packed in 1 gallon and 5 gallon cans, half-barrels and barrels.

Used by—Railroad companies.

Used for—Painting targets, signals and semaphores.

Pastes

Barrel Paints	Harco Primers	Machinery Paint
Gear Fillers	Harco Glazing Coat	No. 1 Red Lead Paste
Harco Pastes	Harco Rough Stuff	Wagon Paint (Paste)
Machinery and Engine Fillers		

BARREL PAINT (Paste Form).—This is made from selected pigments ground in the proper vehicle so that a benzine thinner is all that is necessary to make a ready-for-use paint. Furnished in blue, green, red, yellow and white. Packed in 100 pound kegs and barrels.

DIRECTIONS.—See that the surface is perfectly clean. Add just enough benzine to reduce to a working consistency for dull finish. Add varnish for reducing if a gloss finish is desired. Do not thin more at a time than is required for use. Keep the original container tightly closed when not in use.

Used by—Coopers and shippers using wooden barrels.

Used for—Painting wooden barrels and other containers.

GEAR FILLERS.—This is a quick drying flat undercoating or filler for gears and bodies of wagons and buggies. It makes a hard smooth surface on which ground coats or colors can be applied.

Furnished in four colors: lemon yellow, light red, dark red and medium lead. Packed in 25 pound cans.

Used by—Wagon and buggy manufacturers and repair shops.

Used for—Filling gears and bodies.

HARCO PASTE.—This is a paste paint, and may be used on wood or metal. Designed for brush, spray or dipping work. The same thinning specification as outlined for Harco Primer may be followed, except where a gloss finish is desired, in which case linseed oil with a drier, Old English Paint Oil, or a suitable mixing varnish, should be used.

Harco Paste will be found to cover solidly, and when used in the dipping tank will remain in suspension well. Packed in 25 pound cans, 100 pound kegs, half-barrels and barrels.

HARCO PRIMER.—This primer is manufactured in paste form and may be reduced for brushing, spraying or dipping work. It covers solidly and when used in the dipping tank will stay in suspension well.

For general thinning naphtha or benzine is recommended, with a small quantity of linseed oil or Old English Paint Oil. For hardwood or metal excellent results may be obtained by thinning entirely with benzine or naphtha, but for softer or more absorbent surfaces we recommend thinning with 80% naphtha and 20% oil. Packed in 25 pound cans, 100 pound kegs, half-barrels and barrels.

HARCO GLAZING COAT. This material is supplied in tins or kegs or pails or some sort and may be used for the glazing of architectural work or cheaper types of work. Packed in 12 1/2 pound and 25 pound cans.

HARCO ROUGH STUFF. This is a high grade filler or surface used in producing a perfectly smooth foundation for color or varnish coats. It may be used over metal, patent or lead-in-oil primers on wood or on steel. Packed in 12 1/2 pound and 25 pound cans.

MACHINERY AND ENGINE FILLER. Used for finishing in a smooth surface on castings. It can be used for knifing purposes or when reduced with kerosene for brushing purposes. It dries hard and sands easily, producing a tough, tenacious coat that does not scuff or scale and takes rough treatment and knocks wonderfully well. Furnished in black, maroon and white. Packed in 25 pound pails, 100 pound kegs and barrels.

Used by Manufacturers of heavy and light engines and machinery and by foundries.

Used for Surfacing castings.

MACHINERY PAINT (In Paste Form).—Made of the very best pigments and vehicles. It is always uniform in color and consistency. It dries rapidly and gives a flat or lustreless finish. Made in four colors and black. Packed in 25 pound pails, 100 pound kegs and barrels.

Used by—Manufacturers of heavy and light engines and foundries.

Used for—Finishing all classes of engines and metal machinery and parts.

NO. 1 RED LEAD PASTE.—This is a high quality paste ground in linseed oil, the pigment consisting of 75% pure red lead and 25% ashentine. It will remain in suspension for a great length of time without hardening. Packed in 100 pound cans and barrels.

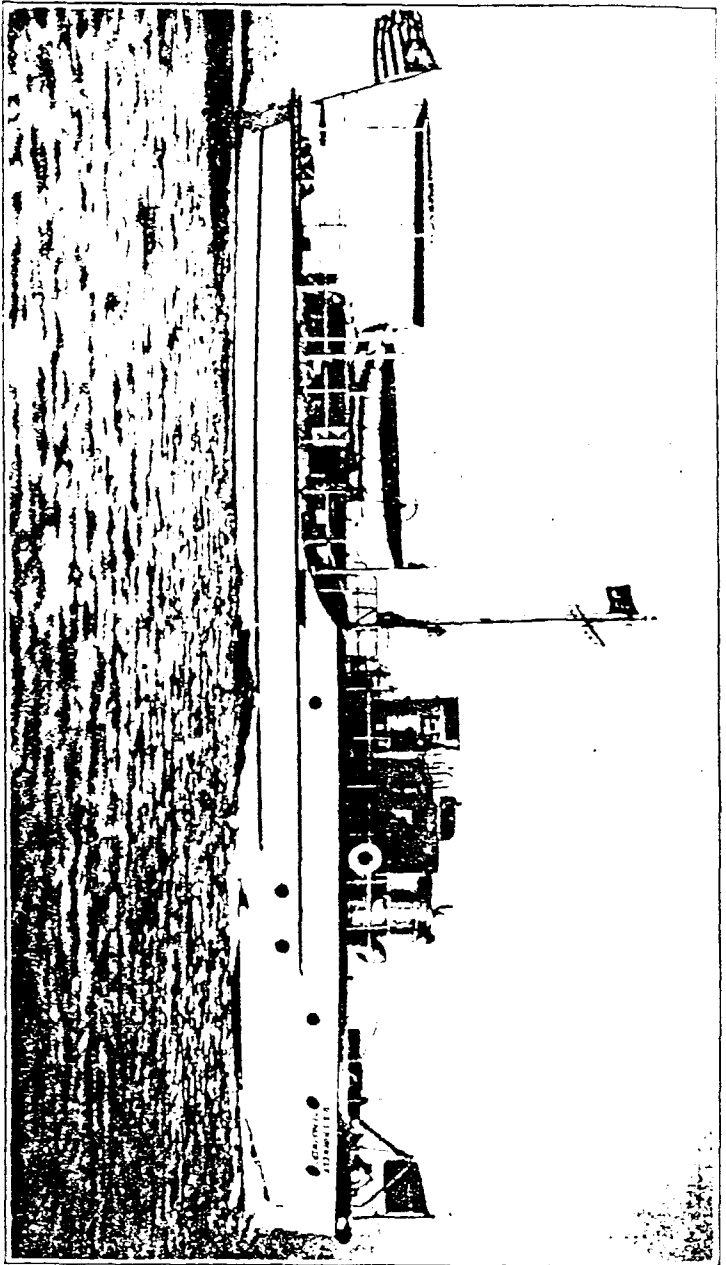
WAGON PAINT (In Paste Form).—These pastes are finely ground in linseed oil and japan. They cover very thoroughly. The vehicle and pigments are so chosen that this paste works well under any system of thinning likely to be employed, that is, with oil and volatile thinners or straight linseed oil, or with varnish which produces a semi-flat, an oil gloss or a full gloss. The same paste may also be employed for priming, for intermediate coats, and for finishing by a selection of suitable thinners. Made in 8 colors. Packed in 12 1/2 and 25 pound tins and 100 pound kegs.

Used by

Wagon Makers	Toy Manufacturers
Implement Makers	Repair Shops

Used for

Farm Vehicles	Farm Implements
Toys	



DECK MOUNTED EQUIPMENT AND VESSEL'S INCREASE THE VALUE OF ALL WATERCRAFT

Marine Paints

"The NAUTICO" LINE

Hull and Superstructure	Signal Colors
Barge and Lighter	Supreme Yacht White
Deck	Inside Flat White
No. 2 Ready Mixed Red Lead	Flow Kote Enamel
Anti-Corrosive	Navalite
Anti-Fouling Ship Bottom	Cabinoleum
Copper	Supremis Floor
Boot Topping	

Protection to water craft of all kinds is one of exceptional importance as the severe exposure to air and water soon causes depreciation.

This line of products has been designed to meet the trying conditions under which paints and varnishes are used on all types of water craft.

There is a product for each type of surface and for the many purposes for which marine paints are desired. This includes priming coats for steel hulls, paints for topsides, water line, decks, cabins, ventilators and similar parts, also stains, fillers, varnishes and enamels for interior work.

Each product in the line has been formulated with the view of giving the most durable and satisfactory coating, to withstand the severe exposure to salt water and to moist, salt air. The paints and varnishes in this line are adapted for ocean-going liners and freighters, tugs, barges, sailing vessels and the smaller pleasure craft. The application of Du Pont Marine Paints will protect an investment and permit the full use of any water craft without undue sacrifice of time in application. They are Du Pont Products fully worthy of the name.

Items in the Nautico Line are

Used by—Boat builders and boat owners

Used for—All kinds of boat painting and varnishing.

HULL & SUPERSTRUCTURE PAINT.—This is a hard-drying, high-gloss paint suitable for either steel or wooden hulls and superstructure, such as deck houses, derricks, davits, cargo holds, boiler and engine room casings and similar work. It is especially formulated for the purpose and withstands severe sea exposure to a remarkable degree.

This paint is ready for use and is particularly desirable where time in application is a factor. No mixing, other than the usual stirring, is required before application.

The covering capacity of Hull and Structural Paint is 350 to 400 square feet to the gallon, two coats.

Hull and Structural Paint is made in a number of colors, as shown by color chips, so that a harmonious color combination may be worked out.

Supplied in quart, gallon and 5-gallon cans, half-barrels and barrels. This product is also supplied in Semi-Paste form in white.

black and battleship gray where this type of product is desired. Semi-Paste is supplied in gallon, 5 gallon cans, half-barrels and barrels.

BARGE & LIGHTER PAINT.—This line of paint is designed especially for use on barges, scows and lighters. The quality is consistent with the purpose for which it is intended, forming a fairly permanent protective coating.

Furnished in red, green, white, gray and black as indicated by color chips. Supplied in gallon and 5 gallon cans, half-barrels and barrels.

Will cover approximately 350 square feet to the gallon, two coats.

DECK PAINT.—This is a durable, elastic coating for wood, steel or canvas decks. It is resistant to the action of salt water and permanent in color.

Furnished in light lead, dark lead, dust color, spruce and maroon as indicated by color chips.

Supplied in quart, half-gallon, gallon and 5 gallon cans, half-barrels and barrels.

Will cover approximately 275 square feet to the gallon, two coats.

NO. 2 READY MIXED RED LEAD PAINT.—This is a ready-for-use red lead used as a priming coat on all metal work, except steel hulls, where Anti-Corrosive Paint should be used. This product is so formulated that the pigments will stay in suspension for an indefinite period, thus eliminating the difficulty usually associated with paints of this type.

Covering capacity 600 square feet to the gallon, one coat.

Supplied in 5 gallon cans, half-barrels and barrels.

ANTI-CORROSIVE PAINT.—It is a quick-drying paint used as a first or priming coat on metal ship bottoms. It prevents pitting or corrosion and is recommended as a priming or foundation coat over which Anti-Fouling Ship Bottom Paint is applied. This product should be used in preference to red lead on metal hulls.

Will cover approximately 500 square feet to the gallon, one coat.

Supplied in gallon and 5 gallon cans, half-barrels and barrels.

ANTI-FOULING SHIP BOTTOM PAINT.—It is a paint of high toxic properties so designed that the barnacles and other kinds of sea life which try to attach themselves to the ship are killed and fall away with the friction of the water, thus keeping the bottom clean at all times. Should be applied over an undercoat of Anti-Corrosive Paint or red lead. The former is preferable.

Supplied in red, brown, green and gray as indicated by color chips.

Will cover approximately 400 square feet to the gallon, one coat.

Put up in quart, gallon and 5 gallon cans, half-barrels and barrels.

COPPER PAINT.—It is the proper protection for wooden bottoms. It should not be used on steel hulls as it contains copper oxide which stimulates rust action. Contains special ingredients that will not sus-

to vegetable or animal life, such as barnacles or worms. It is equal answers the same purpose as copper sheathing, but is much less expensive in application and upkeep.

Will cover approximately 400 square feet to the gallon, one coat.

Supplied in red, brown, green and gray as indicated by color chips. Put up in quart, gallon and five-gallon cans, half-barrels and barrels.

BOOT TOPPING PAINT.—It is exceptionally durable and dependable paint for painting at the water line which is that part of the hull between the no load and full load water lines. It contains the same type of pigment as hull paint but the vehicle is a waterproof varnish which will withstand the action of the atmosphere at no load and the action of water at full load points. One gallon will cover about 500 square feet, one coat. Furnished in red and gray. Packed in quart, gallon and 5 gallon cans, half-barrels and barrels.

SIGNAL COLORS.—They are bright, permanent colors with a high gloss adapted for use on lights, screens, ventilator cowls, winches and trimmings. Furnished in port red and starboard green. Supplied in half-pint, quart, and gallon cans.

SUPREME YACHT WHITE.—It is a pure white paint unequalled for use on hulls and other exterior works of yachts and pleasure craft. May also be used for interiors if desired. Will not chalk or crack. Supplied in pint, quart, gallon and half-gallon cans.

Will cover approximately 600 square feet to the gallon, one coat.

INSIDE FLAT WHITE.—It is a pure white, flat paint for interior cabin work. It is a durable and a washable paint. May also be used as a foundation coating for Flow Kote Enamel or Supreme Yacht White. Furnished in pint, quart, half-gallon and gallon cans.

Will cover approximately 700 square feet to the gallon, one coat.

FLOW KOTE ENAMEL.—This is the highest type of enamel for marine work, exterior or interior. This is a slow-setting enamel of exceptional durability, producing a permanent finish that will not discolor with age or exposure. Furnished in gloss white, gloss ivory, rubbed finish white and rubbed finish ivory. Supplied in pint, quart, half-gallon and gallon cans.

Will cover approximately 600 square feet to the gallon, one coat.

NAVALITE.— See under Trade Sales, page 165.

CABINOLEUM.— See under Trade Sales, page 171.

SUPREMIS FLOOR.— See under Trade Sales, page 162.