Paint & Lacquers

LACQUERS

Product ~~of~~ description
MONSANTO CHEMICAL COMPANY
MERRIMAC DIVISION
Boston, Mass. Everett Station

The Lacquer and Solvent Department of Monsanto Chemical Company has for twenty years been engaged in the development and manufacture of every type of nitrocellulose base coating for industrial use. The pioneer development was of finishes for split leathers followed by finishes for all types of leather up to the most recent development of lacquer emulsions. At the present time Monsanto finishes for textiles, paper, rubber, wood and metal are being used in practically all classes of industry. Most of the products when first developed were classed as "Special" but lines of standard products have long since been established for every modern finishing requirement.

When Monsanto lacquer products have come to the attention of a prospective user, it has always been our policy to first learn what service is required of the finish, what method of application is practical, what advantages or economies are to be effected. In most cases samples of materials to be dealt with are examined by our Research Department. In other words, every inquiry is dealt with as a special problem. If the requirement can be met with a standard product, well and good, but if not, we are prepared to modify and adjust standard products or co-operate in the development of products entirely new. Inquiries are invited and will have prompt attention by our Sales and Technical Departments.

Raw materials for the coating industries are also offered, such as soluble cellulose solutions, solvents, plasticizers, pastes, vehicles, etc. Some of the more important of standard products and the industries served are listed below.

ARTIFICIAL LEATHER INDUSTRY
PAINT, VARNISH and LACQUER INDUSTRIES

Nitrocellulose Solutions
All viscosities and solvent compositions

Solvents
Ethyl, Butyl, Amyl Acetates, Diacetone, Acetone, Butyl Alcohol and Mersol (Solvent Alcohol).

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LEATHER INDUSTRIES

Split Leather and Patent Leather
for Shoe Upper and Bag Leathers
Base solutions, Undercoats (clear and emulsion type), Spray color coats, Clear Topcoats.

Fancy Leather
(Chrome tanned Sheep, Goat, Calf and sides)
Spray undercoats, Color coats, Topcoat and Tipping Lacquers. Glazing lacquer.

Welting and Dress Belts
(Vegetable Tanned)
Undercoats, Color coats for machine or spray application.

Shoe Lacquers
Clear Suede Spray, Pigmented lacquers for refinishing.

Power Belting
Quick drying waterproof cements for plies and laps.

COATED FABRICS INDUSTRY
(Gray goods and Rubberized)

Dress goods (Silk, Celanese, Rayon)
Engraved roll and stencil printing lacquers (pigmented or metallic).

Shoe stay, Trim, Lacing, etc.
Pigment and clear lacquers for die coating.

Shoe Linings
Pigmented and clear machine coating lacquers

Raincoat, Shower Curtain, Porch
Furniture, Upholstery, etc.
Clear water proofing lacquers (machine coating)

Shade Cloth
Pigmented and clear lacquers, Machine coating lacquer, Waterproof.

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PAPER INDUSTRY

Fancy Box and Wrapping
Cover Stock
Pigmented, Metallic and Clear Machine Coating lacquer.

Fibre Luggage
Clear and Pigmented lacquers (roll coating)

Cellophane and Glassine
Water and Grease proof pigmented light fast lacquer inks for intaglio process.

Adhesives
Waterproof cements for joining web ends, heat sealing cements.

RUBBER INDUSTRY

Calendered Stock
Pigmented lacquer for machine coating before cure.

Footwear
Clear glaze lacquer (spray application before cure)

Moulded Stock
Pigmented spray lacquers

ELECTRICAL INDUSTRY

Cable lacquers
Cable lacquers for gasket coating high and low tension braided wire, flame proof and heat resisting.

Radio
Coil cements, tube lacquers, sound recording lacquer.

Instruments, Motors, Transformers
Switches and Machinery
Pigmented and Clear finishes for metal, wood and plastics.

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WOOD WORKING INDUSTRIES

Furniture Finishes
Sealers, Surfacers, Clear and Matt lacquers, Pigmented matt and gloss lacquer enamels and topcoats; spray application.

Wood Turnings
Clear and pigmented color coat and topcoat lacquers for machine, hand or gasket dipping.

METAL INDUSTRIES

Hardware, Stampings, Castings, Wire goods, etc.
Clear lacquers, Primers, Bronzing Liquids, Pigmented lacquer enamels for spray or dip application. Special grades for silver, cold rolled steel and aluminum alloys, also special grades for heat resistance, weathering, buffing, etc.

Maintenance Paints for Structural Steel Tanks, Stacks, etc.
Mertec, corrosion resistant (special leaflet). Air-dry Synthetic base lacquers.

Special Finishes
Water dip lacquers, Fire lacquers, Stop off lacquers, Pattern lacquers, Foil lacquers (dye colors)

Novelty Finishes
Metallic and Pear Essence lacquers, crackle and crystallizing lacquers.

AIRCRAFT INDUSTRY
(Special Leaflet)

Fabric
Clear and Pigmented dopes

Metal
Complete corrosion resistant finishes for light metal alloys.

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Nail Polish
Transparent and Creme type nitrocellulose base lacquers and removers.

UNCLASSIFIED

Linoleum lacquer, Household cements, Floc adhesive, Brushing lacquers, Hat lacquers, Fishing line, Celluloid heel lacquers, Buffing lacquers, Water Emulsion lacquers, Briar pipe lacquers, etc.

THINNERS

Thinners vary widely in characteristics such as evaporation rate, blush resistance, solvent power, levelling, odor, etc. Lacquers as manufactured are usually at higher than applying viscosity, in the case of pigmented lacquers, to prevent settling. Reducing thinners must conform in composition to the solvent mixture of the lacquer. Suitable thinners are recommended when required. In addition, retarders, cleaning thinners, nitrocellulose cutting solvents, dye solvents, etc. are available.

CONTAINERS

6000 gallon Tank Cars. Compartment Tank Car (Solvents and Thinners)
55 gallon Returnable and Non-Returnable drums
55 gallon Removable Head Tin Lined Drums
5 gallon Tern Lined Pails
5 gallon Tin Lined Cans
5 gallon Pour Clean drums (Thinners)

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