

The Complete Technology Book on Wax and Polishes (Formulae, Manufacturing Processes with Machinery & Equipment Details) 2nd Revised Edition

Author: P. K. Chattopadhyay

Format: Paperback

ISBN: 9788195370115

Code: NI183

Pages: 536

Price: Rs. 1,895.00 US\$ 50.95

Publisher: Asia Pacific Business Press Inc.

Usually ships within 5 days

The Complete Technology Book on Wax and Polishes
(Formulae, Manufacturing Processes with Machinery & Equipment Details)

A wax is a simple lipid that is formed by the esterification of a long-chain alcohol and a fatty acid. The alcohol might have anything from 12 to 32 carbon atoms. Waxes are found as coats on leaves and stems in nature. The wax helps to keep the plant from losing too much water. Waxes are utilized in a variety of applications around the world, including packaging, coatings, cosmetics, foods, adhesives, inks, castings, crayons, chewing gum, polishes, and candles.

Waxing and polishing serve very distinct purposes in terms of process detailing. Waxing is a method of protecting the paint on the exterior of a vehicle. However, Polishing is what is done after a wax to ensure that the vehicle has that glossy shine. Wax does this by smoothing out the painted surface by filling swirls and scratches with a protective coating.

The worldwide wax market is growing at a rate of 2.8 percent per year. Over the forecast period, rising demand for wax in various applications such as candles, packaging, rubber & plastic processing, cosmetics & toiletries, fire logs, adhesives, building boards, medicines, and home & automotive polishes is expected to drive market expansion.

The market for furniture polish is growing at a rate of 5.0 percent per year. Furniture polish is in high demand due to rising need for harm-resistant business and residential settings, increased furniture exports, and increased furniture production. This will propel the global furniture polish market forward. Increased disposable income, as well as government investments in infrastructure development.

The major contents of the book are Vegetable Waxes, Paraffin Wax Compounds, Synthetic Mineral Waxes, Other Mineral Waxes, Polish, Abrasives, Metal Cleaners, Polishes, Microcrystalline Waxes, Photographs of Machinery with Suppliers Contact Details and Plant Layout & Process Flow Chart.

A comprehensive reference to the Wax and Polishes industry's manufacturing and business success. This book serves as a one-stop shop for information on the Wax and Polishes business, which offers several prospects for producers, retailers, and entrepreneurs. This is the only book that covers the entire information of commercial wax and polish manufacture. It provides a feast of how-to knowledge, from concept through equipment purchase.

Contents

CHAPTER I

INTRODUCTION

Waxes

Types of Wax

Characteristic Properties of Waxes

Chemically Modified Waxes

Polish

Polish Types

Active Ingredients

CHAPTER 2

VEGETABLE WAXES

Bayberry wax

Source

Candelilla wax

Compatibility

Specifications

Scope

Carnauba Wax

Production

Composition

Properties of Braxilian Grades of Carnauba Wax

Flower wax

First wax

Medium wax

Sandy wax

Fat wax

Specifications

Colour

Adulterations of Carnauba Wax

Cotton wax

Esparto wax

Fir Eax

Propertries of Fir wax

Flax wax

Japan wax

Composition

Grades Available

Ouricury wax

Preparation

Composition

Grade available

Specifications

Palm waxes

Grade available

Cuban Palm wax

Compatibility

Rice-oil wax

Sugar cane wax

Source

Constituents of Sugar Cane Wax

Ucuhuba Wax

Cocoa Butter

CHAPTER 3

PARAFFIN WAX COMPOUNDS

Compatibility of paraffin Waxes with Other Substances

Paraffin wax with Bitumen

CHAPTER 4

SYNTHETIC MINERAL WAXES

Fischer-Tropsch (F-T) Waxes

FT-200 and FT-300 Wax

Specifications

Hardening Fischer-Tropsch Wax

Duroxon waxes

Duroxon Waxes-Group C

Duroxon Waxes- Group E

Duroxon Waxes- Group H

Duroxon Waxes- Group J

Duroxon Waxes- Group R

Paraflint

Paraflint as Modifier

Polymekon

CHAPTER 5

OTHER MINERAL WAXES

Montan wax

Sources

Production of Montan Wax

Composition

Properties of Montan Wax

Durmont Waxes

Uses of Montan Wax

Modified Montan Waxes

Lignite wax

Oxocerite wax

Occurrence

Manufacture of Ozocerite

Composition

Properties of Ozocerite

Compatibility

Adulterations

Ceresin

Utah wax

Peat wax

CHAPTER 6

POLISH, ABRASIVES, METAL CLEANERS

Abrasive Compound

Brass, Refinishing Corroded

Cellulose-Friction Polishes

Flatting Paste Emulsions

Finishing Floor Wax

Liquid Floor wax (Rubbing Type)

Wood Floor Finish

Furniture polishes

Leather Belt Polish

Leather Dressings
Leather Finish
Metal Polish
Tank A
Tank B
Pipe Oil Metal Polish
Nickel Silver Castings, Cleaning
Non-Caking Shoe Dressings
Dyeing "Shoe" Plush Brown
Shoe Polish
Synthetic Spinel
Sand Papers and Emery Papers
Abrasive Wheels
Automobile Polish
Furniture Polish
Polishing Cloth
Oil Polish for Furniture
Furniture Polish
Removing Scratches from Furnishes
Non-slippery Floor wax
Floor Finish
Floor sweeping Compound for Polished Floors
Wood-Preserving and Finishing
"Italian" Powder for Polishing Marble
Colored Burnishing Clay
Sharpening Compositions
Aluminium Polish
Directions for use
Non Scouring Copper Polish
Automobile Polish (Tumbler's)
High Luster Polish for Shoes
Sporting Shoe dressings, paste
Notes on Cleaning White Shoes
Shoe White (Water Type)
Shoe White (Waterproof Type)
Cleansing and Polishing compositions
Auto-Polishes
Automobile Polishes(oils)
Automobile-Polishes (Pastes)
Automobile Polishes
Metal Polish Pastes
Metal Polishing Cloths
Polishing Metals for Metallographic Analysis
Aluminum Polish Powders
Liquid Polishes for Iron or Steel
Polish for Silver, Nickel, Brass, Chromium, etc.
Silver Polishes
Liquid Silver Polishes
Removing Silver Tarnish
Silver Polishing Cloths
Wax Paste Stove Polish
Quick Drying Stove Polish
Water-Resistant Floor Emulsion Polish

Rubless Bright Drying Water Wax Polishes
Semi Bright Drying Wax Emulsion Polishes
Floor Polish Powders
Floor Mop Oil
French Polishing
Cleaning and Polishing Table
Ski wax
Paste for Wax Calf Leather
Leather Cleaning and Polishing stick
Types of Cleaners
White Shoe Polish
White Leatehr polish
Shoe Polishes
Polishing, Lapping and Tumbling
Abrasives
Poolishing Wheels
Metal Polish
Liquid metal polishes
Paste Metal Polish
Wax Polish for varnished metals
Fine instrument scale polish
Polishing by barrel Tumbling
Barrel Tumbling material
Stove Polishes
Sodium silicate Solutions
Artrificial Graphite
Stove Polishes
Dance Floor Polishes
Bright Drying Floor Polishes
Emulsified Floor waxes
Wax for polishes
White Shoe Polishes
Oil Polish
Burnishing Polishes for Automobile Maintenance
Silver Polish
Jewelry Polish
Bright Drying Floor Polish
Floor Treatments
Wood Floors
Floor Waxes or Polishes
Cement (Concrete) Floors
Vitreous Tile or Ceramic and Terrazzo Floors
Marble and Travertine Floors
Linoleum Floorings
Rubber Floors
Cork Tile and Cork Carpet Floorings
Asphalt Tile and mastic Floors
Plastic magnesia Cement Floors
Slate Tile Floors
Bonded Abrasive Wheels
Removing Scratches from Glass
CHAPTER 7
POLISHES

Heavy Duty Floor Polish
Carnauba Base Floor Polish
Silicon Furniture Polish
Liquid Floor polish
Bright Drying Floor Wax
Silicone Polishing Cloth
Mineral Oil Emulsion Polish
Aerosol Polish
Aerosol waxeless Polish
Auto Cleaner Polish
Ball Bearing Polish
Metal Polish
Silver Polish (Dip)
Antislaking Buffing Composition
Abrasive Vehicle (Oil)
Insectidal Floor Wax
Opaque-White Nonrubbing Floor Wax
Floor-Wax Emulsion
Non-Rubbing Floor Wax
Water Emulsion paste Waxes
Liquid Solvent Waxes
Solvent-Type paste Waxes and Shoe Polishes
Stable Wax-Solvent Floor Polish
Liquid Solvent Floor wax
Buffing Compound
Metal Abrasive
Paste Wax Polish (Auto wax)
(Floor and Furniture wax)
Liquid Wax Polish
Auto Polish
Glass Polish
Oven polish
Silver Polish
Metal Polishing Cloth
Chromium Polish
Leather Polish
Liquid Leather Polish
Paste Leather Polish
Shoe Polish Paste (for Tubing)
Shoe Creams
Furniture Polish
Floor Wax Remover
Bright Drying Floor Polish (Emulsion) (Rubbers)
Floor wax
Diamond abrasive
Synthetic Abrasive
Auto Rubbing compounds
Buffing Compounds
Cream Buffing Wax
Automobile polish
Metal Cleaning and Polishing Cloth
Metal Polish
Furniture Polish

Furniture Cleaner and Polish
Floor Polish
Dance Floor Wax
Oil Polishes
Wax Polishes
Wax Paste Polish
Rubber Polishes
Rubber Wax Floor Polish
Method 1
Method 2
Variation
Triethanolamine Water-Resistant Rubless Polish
Morpholine Water-Resistant Rubless Polish
Method 1
Method 2
Resin, Shellac, Casein Dispersions
Natural Resin Dispersions
Preparation of Formula No.1.
Preparation of Formula No. 2
Shellac Dispersion
Casein Dispersion
Polishing Paste
Diamond Dust Abrasive
Abrasive Cleaner
Lens Polishing Powder
Polishing Powder
Smoothing Compound for Lucite and Plexiglas
Polishing Compound for Lucite and Plexiglas
Tumbling Barrel Polish
French Polish Base
Black Paste Shoe Polish
Soft Leather Polish
Rubber Foot wear Polish
Rubless Floor Wax
Bright-Drying Floor Wax Emulsion
Durez Wax Base
Floor Polish
Dance-floor Wax
Furniture Polish
Perfume for Furniture Polish
Paste Waxes
Black Shoe Polish
Leather Polish
Polish for Edging Leather Straps
Automobile Polish
Automobile Polish and Cleaner
Automobile Finish Haze Remover
Automobile Hand-Rubbing Compound
Stone and Porcelain Polish
Glass Wax Polish
Optical-glass Polish
Rough Diamond-Polish Substitute
Lapping Compound

Stove Polishing Stick
Gold Polish
Silver Polish
General Metal Polish
Brass Polish
Brass and Bronze Cleaner and Polish
Brass, Nickel, and Chrome Polish
Brass-Buffering Soil Cleaner
Tripoli-Buffering Composition for Brass
Tripoli-cut-and-color Composition for Brass
White-Lime- cut-and-color Composition for Brass
Red Oxide Color Composition for Brass
Metal-Buffering Compound
Polishes
Silver Polish
Metal Polish
Rust-Preventing Metal Polish
Chemical Nickel Polish
Glass and Metal Polish
Electric Shaver Sharpening Paste
Glass-Grinding Fluid
Abrasive Diamond Paste
Silicone Furniture Polish
Silicone Auto Polish
Silicone Cleaner Polish
Silicone Wax Polish
Furniture Polish
Solvent-type Paste Floor Polish
Solvent-Type paste Wax Polishes
Liquid Type wax Polishes
Floor-Polish Paste
Buiffing Paste Polish
Oil Polish
Paste Shoe Polish
Liquid White shoe dressing

CHAPTER 8

MICROCRYSTALLINE WAXES

Differences between microcrystalline and paraffin waxes
Fractional crystallization of petroleum waxes
Properties of Microcrystalline waxes
Melting point
Compatibility
Laminating properties of Microcrystalline waxes
Miscibility with additives
Solubility
Specific Gravity at various Temperatures
Thermal Expansion and Melting point of waxes
Oxidized microcrystalline waxes
Emulsifiable Microcrystalline waxes
Petrolatum wax
Uses of Microcrystalline waxes
Drum Linings
Vat Linings

Miscellaneous data
Properties of some commercial Microcrystalline waxe
Amsco waxes
Aristo Waxes
Bareco waxes
Bareco Hard Waxes
Bareco Plastic waxes
Bareco Emulsifiable waxes
Bareco Synthetic waxes
Electrical Properties of Bareco waxes
Be Square Waxes
Mobil Waxes
Multi Waxes
Pearl Waxes
Sova Waxes
Super Flex Waxes
WarWick Waxes
CHAPTER 9
PHOTOGRAPHS OF MACHINERY WITH
SUPPLIERS CONTACT DETAILS
CHAPTER 10
PHOTOGRAPHS PLANT LAYOUT & PROCESS FLOW CHART

About NIIR

NIIR PROJECT CONSULTANCY SERVICES (NPCS) is a reliable name in the industrial world for offering integrated technical consultancy services. NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our various services are: Detailed Project Report, Business Plan for Manufacturing Plant, Start-up Ideas, Business Ideas for Entrepreneurs, Start up Business Opportunities, entrepreneurship projects, Successful Business Plan, Industry Trends, Market Research, Manufacturing Process, Machinery, Raw Materials, project report, Cost and Revenue, Pre-feasibility study for Profitable Manufacturing Business, Project Identification, Project Feasibility and Market Study, Identification of Profitable Industrial Project Opportunities, Business Opportunities, Investment Opportunities for Most Profitable Business in India, Manufacturing Business Ideas, Preparation of Project Profile, Pre-Investment and Pre-Feasibility Study, Market Research Study, Preparation of Techno-Economic Feasibility Report, Identification and Section of Plant, Process, Equipment, General Guidance, Startup Help, Technical and Commercial Counseling for setting up new industrial project and Most Profitable Small Scale Business.

NPCS also publishes various process technology, technical, reference, self employment and startup books, directory, business and industry database, bankable detailed project report, market research report on various industries, small scale industry and profit making business. Besides being used by manufacturers, industrialists and entrepreneurs, our publications are also used by professionals including project engineers, information services bureau, consultants and project consultancy firms as one of the input in their research.

Our Detailed Project report aims at providing all the critical data required by any entrepreneur vying to venture into Project. While expanding a current business or while venturing into new business, entrepreneurs are often faced with the dilemma of zeroing in on a suitable product/line.

