



#### Introduction

Wax is used extensively as additives, base materials, and to aid processing. Since the importance of finished goods such in metals, surface gloss, and surface protection in ceramics is increasing, the use of wax will also increase, driving the market. Wax also works as a corrosion inhibitor in metal works, thus finding their application in manufacturing metal products. They repel water and thus, find their application in textile industries. Moreover, they are used as insulators in electronics and electrical industries.





Waxes find their application across industries such as textiles, paints, packaging, electronics, electrical, inks and coatings, rubber, pharmaceuticals, food, and cosmetics. Thus, a growth in these end user industries also spells a heightened demand for wax. Since a majority of the aforementioned industries have been witnessing a growth in the recent years and this includes electronics, packaging, food, cosmetics and pharmaceuticals, the market for wax is experiencing a healthy growth. The production of paraffin wax has decreased over the years, but this is balanced by the higher production of synthetic and natural waxes, which is boosting the growth of the market worldwide.



With the increasing demand for eco-friendly and renewable products. Manufacturers are focusing on developing bio-based wax, such as vegetable wax. Meanwhile, the cosmetic industry is also using wax as an active ingredient in skin care products, as it helps in decreasing dehydration and retains moisture for a long time. Synthetic wax is also being used on a large scale as a substitute to natural wax. Synthetic wax is gaining traction as it is more durable. It is also being largely used in the automotive sector as it requires less effort to apply. It stays for a long-time on a car, eliminating the need for frequent application. It also attracts less dust while adding shine and protection.



The Industrial Wax market is projected to reach USD 10.07 billion by 2021, at a CAGR of 4.5% from 2016 to 2021 and USD 12.84 billion by 2026, at a CAGR of 4.7% from 2016 to 2026. With the better stabilization of global oil prices by 2020-2021, advances in synthetic wax manufacturing and the increased use of wax in corrugated packaging, it is estimated that industrial wax would depict slightly higher growth rates in the long term forecast.





Industrial wax performs better in candles, packaging and coatings & polishing applications than its substitutes, as it has good viscosity, moisture control, and lubrication properties. This has increased the demand for industrial wax for the candle, packaging and coating & polishing applications. The shrinking supply of paraffin wax, increasing prices of synthetic and bio-based wax, are the major restraints in the global industrial wax market.





## The global Industrial Wax market is primarily driven by the following factors:

- Rising demand from applications such as candle, cosmetic, wax paper, etc.
- The increasing acceptance of synthetic waxes.
- Technological changes in the wax market.
- Growing population and increasing per capita income in the emerging countries such as India, China, and other Asian countries.



#### Global Wax Market





**Polyethylene Wax** is a type of wax that has a polyethylene polymer with low molecular weight and, due to this property of lower molecular weight, has wax-like characteristics. A number of methods are used in the production of polyethylene wax; it can be obtained by direct polymerization of ethylene, under special conditions. The second method involves the breaking of polyethylene with high molecular weight into weight fractions that have lower molecular weight. This wax is utilized in a variety of applications such as candles, adhesives, coatings, and plastics. The global polyethylene wax market was estimated at US\$258.9 million in 2014 and is projected to reach US\$359.1 million in 2023, growing at a 3.7% CAGR from 2015 to 2023.

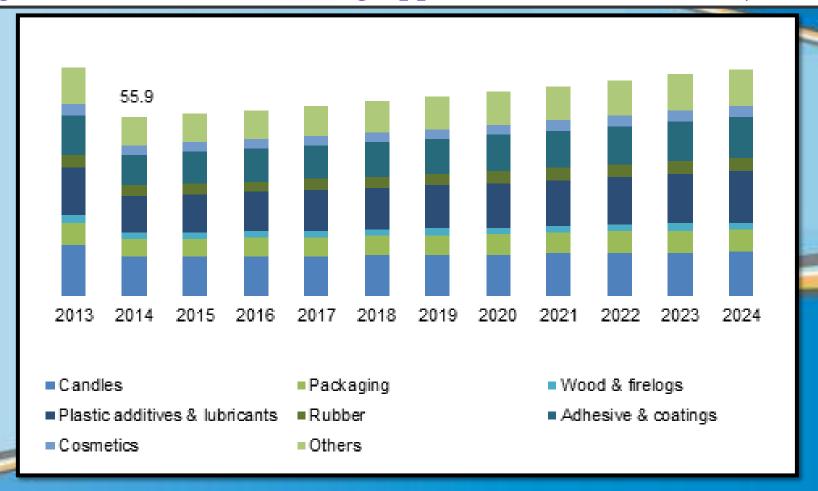


Polyethylene wax is highly demanded in the plastic processing industry, particularly in the production of polyvinyl chloride. In addition, the rise in demand for polyethylene wax in the manufacture of printing inks and fiberboards is majorly driving the polyethylene wax market. Furthermore, polyethylene wax is a crucial component in coating formulations. Therefore, significant expansion of the coatings industry is predicted to stimulate the market for polyethylene wax.





#### Polyethylene Wax Market Size, By Application, 2013 - 2024 (USD Million)





Paraffin Waxes are used in flexible packaging as they provide an excellent barrier against odor and gas transmission. The growing food & beverage sector in developing countries including China, Japan, India, South Korea, South Africa, and Brazil is expected to stimulate packaging growth, which in turn will drive product demand over the upcoming years.





The global paraffin wax market is expected to reach USD 7.27 billion by 2025. And is expected to grow substantially on account of increasing demand for home fragrance products in countries including China, the UK, India, and the U.S. Increasing demand for paraffin waxes in flexible packaging, candle manufacturing, rubber, and cosmetics is expected to aid in market expansion over the next nine years. Rising consumption of these products as a rheology modifier, electrical insulator, friction reducer, plasticizer, and flame retardant is expected to increase market size over the forecast period.



Rising demand for creams, lipsticks, ointments, and personal care products is expected to drive industry growth. Developing personal care industry in countries including the U.S., India, France, China, Brazil, Argentina, Russia, Indonesia, South Africa, Thailand, Saudi Arabia, and UAE is further expected to create growth opportunities for the product over the upcoming years.





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# List of Profitable Business Ideas in Wax and Polish Manufacturing Industry.

Wax from Slack Wax, Polyethylene Wax, Compound Wax, Chlorinated Paraffin Wax, PE Wax Emulsion, Bee Wax, Wax Crayon, Petroleum Jelly, Shoe Polish, Floor Polishing, Metal Polishing, Leather Polishing and Candle Making.



## Some of the Profitable Small and Medium Scale Manufacturing Business Ideas are as Follows:

#### > WAX FROM SLACK WAX

Petroleum waxes are broadly defined as the waxes naturally present in the various fractions of crude petroleum. After separation from lubricating oils, wax constitutes a valuable products with special characteristics for a number of important uses. Petroleum wax, like other petroleum derivatives, is essentially a mixture of hydrocarbons. Read more





#### > POLYETHYLENE WAX

Polyethylene waxes can be made in two main grades, emulsifiable and non-emulsifiable waxes. Polyethylene wax has excellent stability against polishing, scratch resistance, metal resistance etc. This is being import from different countries. Read more





#### > WAX CRAYON

The wax crayons are used for outlining and shading by the artist for drawing. Two types of crayons are produced in India chalk crayons and marking crayons. The raw materials used for chalk crayons are gypsum, calcium carbonate and pigments. Read more





#### > COMPOUND WAX FROM RESIDUAL OIL

The wax position in India is very critical which is well known to everyone. It is always in short supply owing to number of uses in number of Industries. Residual oil is a liquid or semi-liquid product obtained as residual from the distillation of petroleum. It contains the asphaltic hydrocarbons also known as black oil. Read more





#### > PETROLEUM JELLY

Petroleum jelly or petrolatum was discovered as a paraffin-like material coating oil rigs. Since then, it has been used in various ointments and as a lubricant. Petroleum jelly is mixture of mineral waxes and oils that together lock moisture in skin, moisturizing it to repair and relieve dryness. Read more





#### > SHOE POLISH IN AEROSOL FILLING

Shoe polish (or boot polish), is a waxy paste, cream, or liquid used to polish, shine, and waterproof leather shoes or boots to extend the footwear's life, and restore, maintain and improve their appearance. Various substances have been used as shoe polish for hundreds of years, Read more





#### > CHLORINATED PARAFFIN WAX

The term chlorinated paraffins is usually taken to encompass a wide range of liquids and solids from C10 to >C24 and containing 30-72% chlorine content. It is a Colourless to amber or yellow viscous liquid. Properties (including ecotoxicology) differ significantly across this range and for this reason, Read more





#### > PRODUCTION OF PE WAX EMULSION (POLYETHYLENE WAX EMULSION)

Waxes are among the oldest worked materials used by humans. Their value as versatile construction materials ("man's first plastic") was discovered very early. Today, waxes are used mostly as additives and active substances. The use of waxes is expected to increase in the future because of their generally favourable toxicological and ecological properties. Read more





#### > LIQUID SHOE POLISH

Polishes usually contain several kind of natural and synthetic waxes, paraffin waxes, resins, solvents, auxiliary agents and water. As well as the requirements of the consumer, cost of the components is an important factor in the formulations.

#### Read more





#### > GRANITE (MARBLE) POLISHING BATTI (BAR)

Marble polishing batti is an essential item in the marble and granite polishing industries. Now a days there is good market demand of granite and marble articles. Granite & marble are natural product, it is abundantly available in India. Exploring of the natural resources is one of the main work in our country. Read more





Production of Wax and Polishes, Production and Processing of Wax, Production of Wax, Wax Production, Manufacture of Wax, Manufacturing Process of Wax, Wax Manufacturing Plant, Production of Wax From Slack Wax, Polyethylene Wax Compositions, Polyethylene Wax Manufacturing Plant, Production of Polyethylene Wax, Polyethylene Wax Industry, Polyethylene Wax Manufacture, Polyethylene Wax Emulsion, Polyethylene Wax Manufacturing Process, Polyethylene Wax Manufacturing Business, Manufacture of Polyethylene Wax, Manufacturing of Polyethylene Wax, Production of Crayons, Wax Crayons Manufacturing Process, How to Make Commercial Wax Crayon, Wax Crayon Manufacturing Plant, Wax Crayon Making Business, Production of Wax Crayon, Manufacturing Process of Compound Wax from Residual Oil, Production of Compound Wax From Residual Oil, Process for Producing Petroleum Jelly, Project Profile on Petroleum Jelly, Petroleum Jelly Manufacturing Plant, Production of Petroleum Jelly, Petroleum Jelly Production, Petroleum Jelly Manufacture, Petroleum Jelly Making Business, How to Make Shoe Polis? Production of Shoe Polish, Shoe Polish Production, Manufacture of Polishes, Shoe Polish Manufacture,



Production of Shoe Polish in Aerosol Filling, Chlorinated Paraffin Wax Manufacture, Chlorinated Paraffin Wax Manufacturing Plant, Chlorinated Paraffin Wax Plant, Production of Chlorinated Paraffin Wax, Production of PE Wax Emulsion (Polyethylene Wax Emulsion), Process of Making Liquid Shoe Polish, Liquid Shoe Polish Making Formula, Liquid Shoe Polish Manufacture, Liquid Shoe Polish Manufacturing Company, Formula and Manufacture of Liquid Shoe Polish, Liquid Shoe Polish Formulation, Production of Liquid Shoe Polish, Chlorinated Paraffin Wax Manufacturing project ideas, Projects on Small Scale Industries, Small scale industries projects ideas, Chlorinated Paraffin Wax Manufacturing Based Small Scale Industries Projects, Project profile on small scale industries, How to Start Wax Manufacturing Industry in India, Chlorinated Paraffin Wax Manufacturing Projects, New project profile on Wax Manufacturing industries, Project Report on Chlorinated Paraffin Wax Manufacturing Industry, Detailed Project Report on Petroleum Jelly Production, Project Report on Wax Crayons Manufacturing, , Manufacturing of Automotive Polishes and Cleaners, Pre-Investment Feasibility Study on Wax Manufacturing, Techno-Economic feasibility study on Wax Crayons Manufacturing, Feasibility report on Petroleum Jelly Production, Free Project Profile on Wax Crayons Manufacturing, Project profile on Polyethylene Wax Manufacturing, Download free project profile on Polyethylene Wax Manufacturing, Startup Project for Petroleum Jelly Production, Project report for bank loan, Project report for bank finance, Project report format for bank loan in excel, Excel Format of Project Report and CMA Data, Project Report Bank Loan Excel



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## Major Queries/Questions Answered in Our Report?

- 1. How has the industry performed so far and how will it perform in the coming years?
- 2. What is the Project Feasibility of the Plant?
- 3. What are the requirements of Working Capital for setting up the plant?
- 4. What is the structure of the industry and who are the key/major players?



- 5. What is the total project cost for setting up the plant?
- 6. What are the operating costs for setting up the plant?
- 7. What are the machinery and equipment requirements for setting up the plant?
- 8. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up the plant?
- 9. What are the requirements of raw material for setting up the plant?



- 10. Who are the Suppliers and Manufacturers of Raw materials for setting up the plant?
- 11. What is the Manufacturing Process of the plant?
- 12. What is the total size of land required for setting up the plant?
- 13. What will be the income and expenditures for the plant?
- 14. What are the Projected Balance Sheets of the plant?



- 15. What are the requirement of utilities and overheads for setting up the plant?
- 16. What is the Built up Area Requirement and cost for setting up the plant?
- 17. What are the Personnel (Manpower) Requirements for setting up the plant?
- 18. What are Statistics of Import & Export for the Industry?
- 19. What is the time required to break-even?



- 20. What is the Break-Even Analysis of the plant?
- 21. What are the Project financials of the plant?
- 22. What are the Profitability Ratios of the plant?
- 23. What is the Sensitivity Analysis-Price/Volume of the plant?
- 24. What are the Projected Pay-Back Period and IRR of the plant?
- 25. What is the Process Flow Sheet Diagram of the plant?
- 26. What are the Market Opportunities for setting up the plant?
- 27. What is the Market Study and Assessment for setting up the plant?
- 28. What is the Plant Layout for setting up the plant?



### Reasons for Buying Our Report:

- The report helps you to identify a profitable project for investing or diversifying into by throwing light to crucial areas like industry size, market potential of the product and reasons for investing in the product
- The report provides vital information on the product like it's characteristics and segmentation
- The report helps you market and place the product correctly by identifying the target customer group of the product



- The report helps you understand the viability of the project by disclosing details like machinery required, project costs and snapshot of other project financials
- The report provides a glimpse of government regulations applicable on the industry
- The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions



## **Our Approach:**

- Our research reports broadly cover Indian markets, present analysis, outlook and forecast for a period of five years.
- The market forecasts are developed on the basis of secondary research and are cross-validated through interactions with the industry players
- We use reliable sources of information and databases. And information from such sources is processed by us and included in the report



## Free Instant Online Project Identification and Selection Service

Our Team has simplified the process for you by providing a "Free Instant Online Project Identification & Selection" search facility to identify projects based on multiple search parameters related to project costs namely: Plant & Machinery Cost, Total Capital Investment, Cost of the project, Rate of Return% (ROR) and Break Even Point % (BEP). You can sort the projects on the basis of mentioned pointers and identify a suitable project matching your investment requisites......Read more



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#### Detailed Project Reports

NPCS is manned by engineers, planners, specialists, financial experts, economic analysts and design specialists with extensive experience in the related industries.

Our Market Survey cum Detailed Techno Economic Feasibility Report provides an insight of market in India. The report assesses the market sizing and growth of the Industry. 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.



And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

- Good Present/Future Demand
- Export-Import Market Potential
- Raw Material & Manpower Availability
- Project Costs and Payback Period

The detailed project report covers all aspect of business, from analyzing the market, confirming availability of various necessities such as Manufacturing Plant, Detailed Project Report, Profile, Business Plan, Industry Trends, Market Research, Survey, Manufacturing Process, Machinery, Raw Materials, Feasibility Study, Investment Opportunities, Cost and Revenue, Plant Economics, Production Schedule,



Working Capital Requirement, uses and applications, Plant Layout, Project Financials, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis. The DPR (Detailed Project Report) is formulated by highly accomplished and experienced consultants and the market research and analysis are supported by a panel of experts and digitalized data bank.

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## NIIR PROJECT CONSULTANCY SERVICES

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### Who are We?

- One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services
- We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad



### What do We Offer?

- Project Identification
- Detailed Project Reports/Pre-feasibility Reports
- Business Plan
- Market Research Reports
- Technology Books and Directory
- Industry Trend
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- O Entrepreneur India (An Industrial Monthly Journal)



### **How are We Different?**

- We have two decades long experience in project consultancy and market research field
- We empower our customers with the prerequisite know-how to take sound business decisions
- We help catalyze business growth by providing distinctive and profound market analysis
- We serve a wide array of customers, from individual entrepreneurs to Corporations and Foreign Investors
- We use authentic & reliable sources to ensure business precision



### Our Approach

**Requirement collection** 

Thorough analysis of the project

Economic feasibility study of the Project

Market potential survey/research

**Report Compilation** 



### Contact us

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