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.
**Introduction**

Wax is used extensively as additives, base materials, and to aid processing. Since the importance of finished goods such as 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

CAGR 2.9% 2017 – 2026

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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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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 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**
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 (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.
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
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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 its characteristics and segmentation.
- The report helps you market and place the product correctly by identifying the target customer group of the product.
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• The report provides forecasts of key parameters which helps to anticipate the industry performance and make sound business decisions
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And before diversifying/venturing into any product, they wish to study the following aspects of the identified product:

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- Export-Import Market Potential
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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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