

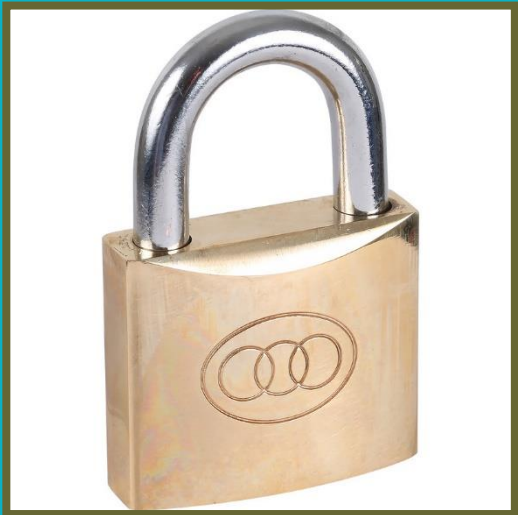


Identification and Selection of Right Business for Startup.

Highly Profitable Industries for Entrepreneurs

➤ Padlocks and Door Locks

Padlocks are portable locks with a shackle that may be passed through an opening (such as a chain link, or hasp staple) to prevent use, theft, vandalism or harm. A padlock is a type of portable lock that has a U-shaped shackle that will not come apart from the body of the lock unless the correct key is inserted or the correct combination is dialed. The U-shape of the lock allows for a wide variety of uses. Typically the padlock is used to lock two things together, for example, a door and its frame, two or more chains, or a chain and a fixed object.





The global lock and padlock market is estimated to develop at a substantial CAGR for the duration of the prediction. Some of the principal motivators of the locks and padlocks market is the growth in implementation of intellectual building administration arrangement.

The main areas of padlocks, locks and keys application are construction, furniture manufacturing, transportation packaging manufacturing as well as automotive industry. Therefore, the demand for these products remains stable, amid the growth of the world economy and downstream industries in the key consumer countries.



➤ Ringer's Lactate Solution

Ringer's lactate solution (RL), also known as sodium lactate solution and Hartmann's solution, is a mixture of sodium chloride, sodium lactate, potassium chloride, and calcium chloride in water. It is used for replacing fluids and electrolytes in those who have low blood volume or low blood pressure. It may also be used to treat metabolic acidosis in cases other than those caused by lactic acidosis and to wash the eye following a chemical burn. It is given by injection into a vein or applied to the affected area.





Ringer's lactate solution, or lactated Ringer's solution, is a type of isotonic, crystalloid fluid further classified as a balanced or buffered solution used for fluid replacement. The contents of Ringer's lactate include sodium, chloride, potassium, calcium, and lactate in the form of sodium lactate, mixed into a solution with an osmolarity of 273 mOsm/L and pH of about 6.5. In comparison, normal saline (NS) has an osmolarity of about 286 mOsm/L.

Ringer Lactate R Solution is especially useful for the control of excessive vomiting, diarrhoea, dehydration or in infectious diseases such as cholera. It is administered either through an intravenous fluid injection or through a process known as electrolyte therapy.



➤ Shoe Laces

Shoelaces are also called shoestrings in US or bootlaces in UK, are a system commonly used to secure shoes, boots and other footwear. They typically consist of a pair of strings or cords, one for each shoe, finished off at both ends with stiff sections, known as aglets. Each shoelace typically passes through a series of holes, eyelets, loops or hooks on either side of the shoe. Loosening the lacing allows the shoe to open wide enough for the foot to be inserted or removed. Tightening the lacing and tying off the ends secures the foot within the shoe.





➤ Ink for Hot Stamping Foil

Ink is a liquid or paste that contains pigments or dyes and is used to color a surface to produce an image, text, or design. Ink is used for drawing or writing with a pen, brush, or quill. Thicker inks, in paste form, are used extensively in letterpress and lithographic printing. Ink can be a complex medium, composed of solvents, pigments, dyes, resins, lubricants, solubilizers, surfactants, particulate matter, fluorescents, and other materials. The components of inks serve many purposes; the ink's carrier, colorants, and other additives affect the flow and thickness of the ink and its dry appearance.



➤ Investment Casting (Lost-Wax Casting, Metal-Forming)

Investment casting is an industrial process based on lost-wax casting, one of the oldest known metal-forming techniques. The term "lost-wax casting" can also refer to modern investment casting processes. Investment casting has been used in various forms for the last 5,000 years. In its earliest forms, beeswax was used to form patterns necessary for the casting process. Today, more advanced waxes, refractory materials and specialist alloys are typically used for making patterns.





The global investment castings market is estimated to grow at an accelerated rate owing to its applications in a wide range of end-use industries. Investment casting process is also known as the lost wax method. Its advantages such as less material requirement, smooth surfaces, complex geometries, and cost-savings have sustained its market over centuries.

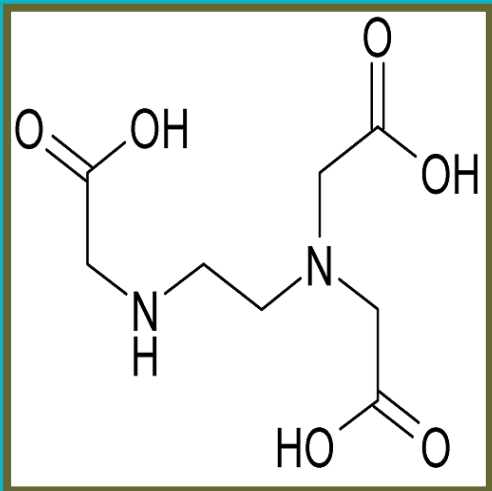
The demand within the global market for investment casting has been expanding on account of the need for metallic devices and objects across several industries. Investment casting is amongst the oldest techniques for the manufacture of well-defined and properly shaped metallic objects, and this technique is also known as lost-wax casting.

The investment casting market is moderately concentrated, owing to the presence of small and large vendors worldwide. Competition in the market is intense, and the market is characterized by the need for precise and reliable investment cast parts.

➤ Ethylenediamine

Ethylenediamine (abbreviated as en when a ligand) is the organic compound with the formula $C_2H_4(NH_2)_2$. This colorless liquid with an ammonia-like odor is a strongly basic amine. It is a widely used building block in chemical synthesis, with approximately 500,000 tonnes.

Ethylenediamine is a Standardized Chemical Allergen. The physiologic effect of ethylenediamine is by means of Increased Histamine Release, and Cell-mediated Immunity. The chemical classification of ethylenediamine is Allergens.





Ethylenediamine (EDA) is a robust base and chelating agent, which is characterized by its clear liquid-like colorlessness and ammonia-like odor. Though there are several precautions that must be taken during the handling of ethylenediamine, as it can be severely hazardous to health and can even cause blindness as a result of high exposure, it is highly useful too for a number of industries such as paints and coatings, agrochemicals, pharmaceuticals, mining and textile, and fuel and energy.

Ethylenediamine is a clear colourless liquid with an ammonia-like odour. It is an organic compound with chemical formula $C_2H_4(NH_2)_2$ and is a strong base and chelating agent. Globally, technological advancement leading to higher consumption, rise in the growth of the end-user industry, and increasing textile and apparels market in Asia Pacific are the prime growth drivers of ethylenediamine market.

➤ **Wheat Puff (Puffed Wheat)**

Puffed Wheat is a healthy cereal relished as a peppery and healthy snack. Puffed wheat is a type of puffed grain made from wheat; usually made by heating wheat kernels under high pressure in the presence of steam, though the method of manufacture varies widely. It is often used in snack foods and breakfast.

Modern puffed grains are often created using high temperature, pressure, or extrusion. Puffed wheat Cereal is one of the very purest cereal products and is readily available at any grocery store.



➤ **Khaini (Chewing Tobacco)**

Khaini is a type of smokeless tobacco product consumed by placing a portion of the tobacco between the cheek and gum or upper lip teeth and chewing. Unlike dipping tobacco, it is not ground and must be manually crushed with the teeth to release flavour and nicotine.





Chewing tobacco is typically manufactured as several varieties of product – most often as loose leaf (or scrap), pellets (tobacco "bites" or "bits"), and "plug" (a form of loose leaf tobacco condensed with a binding sweetener).

Khaini is sometimes known as spitting tobacco. It is available in two forms, snuff and chewing tobacco. Snuff and chewing tobacco are commonly available in tins or pouches; popular brand names include Skoal and Copenhagen.

Chewing tobacco holds significant market share due to easy availability and lower cost as compared to cigarettes. Growing demand of chewing tobacco, majorly among the low-income community of consumers is also influencing the market growth. Popularity of consumption of smokeless tobacco among the daily wage workers, is projected to be high due to the low cost and high production capacity of tobacco in the developing country.



➤ Refining of used Lubricating Oil

Lubricating oil, sometimes simply called lubricant/lube, is a class of oils used to reduce the friction, heat, and wear between mechanical components that are in contact with each other. Lubricating oil is used in motorized vehicles, where it is known specifically as motor oil and transmission fluid.

Lubricating oil is an oily substance that is used to cover or treat machinery so as to lessen friction. They are otherwise called lubricants.





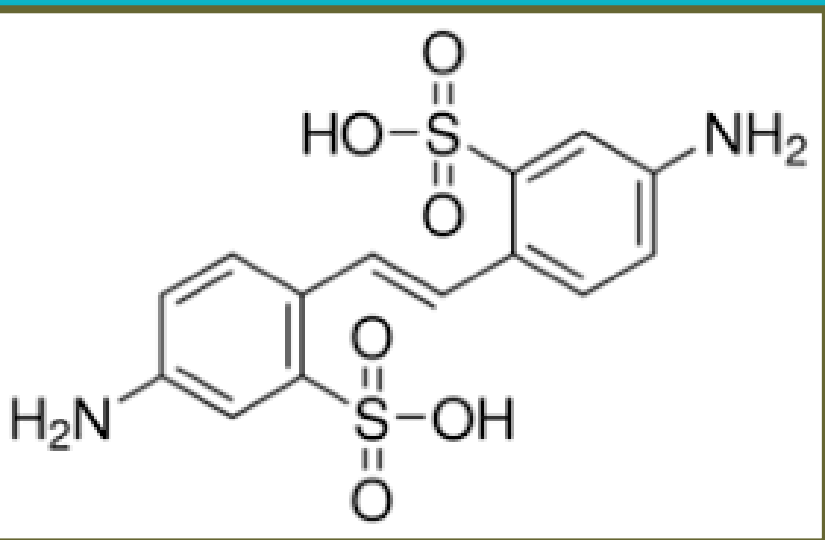
Lubricating oils are essential in any use of machinery that leads to friction between mechanical parts. The industrial sector and the automotive sector are the two key consumers of lubricating oils and employ them in a variety of applications such as industrial gearboxes, internal combustion engines, turbines, and others. Lubricating oils perform the important role of curbing the temperature of the machinery during operation, but the long-term importance of lubricating oils goes beyond the maintenance of the machinery itself.



➤ 4, 4', Diamino Stilbene 2-2-Di-Sulphonic Acid

4, 4'-Diamino-2, 2'-stilbenedisulfonic acid is the organic compound with the formula $(\text{H}_2\text{NC}_6\text{H}_3\text{SO}_3\text{H})_2\text{C}_2\text{H}_2$. It is a white water-soluble solid. Structurally, it is a derivative of trans-stilbene, containing amino and sulfonic acid functional groups on each of the two phenyl rings.

The compound is a popular optical brightener for use in laundry detergents. It is produced by reduction of 4, 4'-dinitro-2, 2'-stilbenedisulfonic acid with iron powder.





➤ Acrylic Mirror

Acrylic Mirror is a lightweight, reflective thermoplastic sheet material used to enhance the look and safety of displays, POP, signage, and a variety of fabricated parts. Acrylic mirror is ideal for retail, food, advertising, and security applications. Acrylic mirrors are often used in place of glass because they are much stronger and don't shatter like glass. Acrylic is also lighter, so carrying it and hanging it on a wall is easier.



➤ Poplar Plantation

Populus is a genus of 25–35 species of deciduous flowering plants in the family Salicaceae, native to most of the Northern Hemisphere. English names variously applied to different species include poplar aspen, and cottonwood. Poplar is a very prominent taxonomical group of tree species in plantation forestry in India. It occurs in natural forests also. Poplar is a very prominent taxonomical group of tree species in plantation forestry in India. It occurs in natural forests also. However, its population in natural stands is small and is gradually declining. Bulk of the plantations are composed of Populus deltoides, an exotic species. The area coverage and productivity of this species is bound to increase further, due to concerted research and development efforts aiming at its genetic improvement.



➤ Dough Moulded Compound

Dough moulding compound (DMC) is an uncured dough-like thermoset compound used to make glass reinforced plastic (GRP) products. It is formed into products by compression moulding. Compression moulding involves placing a measured amount of DMC into a heated mould, then forcing it into the mould cavities using a heated plug.

The heated plug and mould softens the DMC and allows it to flow into the mould cavities. After a few seconds, heat from the plug and mould begins to cure the DMC, which solidifies and hardens.





Dough Molding Compound (DMC) is offered as a dough or extrudate for small but highly intricate moldings. Meant for electrical switchgear and other non-structural applications. Indigenously manufactured machinery combined with knowledge from Menzolit enable the production of high quality DMC. These molding compounds are reactive molding materials made primarily of Unsaturated Polyester Resin, Glass Fiber and Fillers. They form into solid components of desired sizes, shapes and colors under heat and pressure in a matched die mold. Different techniques include compression molding.





➤ Spark Plug

Spark plug is a device for delivering electric current from an ignition system to the combustion chamber of a spark-ignition engine to ignite the compressed fuel/air mixture by an electric spark, while containing combustion pressure within the engine. A spark plug has a metal threaded shell, electrically isolated from a central electrode by a porcelain insulator. The central electrode, which may contain a resistor, is connected by a heavily insulated wire to the output terminal of an ignition coil or magneto.





The spark plug is a seemingly simple device, although it is tasked with a couple of different but critical jobs.

Global spark plug market is expected to reach \$2,904 million by 2022, growing at a CAGR of 4.2% during the forecast period 2014 - 2022. Spark plug is an electrical device threaded into the cylinder of spark ignition engine, which produces spark at the required time to ignite the combustible air-fuel mixture in the cylinder bore. The device comprises shell, resistance, electrodes, and insulator. During the engine operation, when high tension current flows through the center electrodes, it ionizes the gas present between the electrode gaps, producing spark.

A spark plug or a sparking plug is used to deliver electric current during the combustion process to produce spark. It has a metal threaded shell and finds its usage in numerous applications such as furnaces, marine, ignition and outdoor applications among others. It is an electrical device threaded into the cylinder of spark ignition engine.



Spark Plug market stood is forecast to exhibiting a CAGR of more than 11% over the next five years. Growing automobile production and sales coupled with increasing preference for dual-fuel option passenger cars and various ongoing and upcoming technological advancements are expected to boost the sales of automotive spark plugs in India over the coming years. Spark Plugs are the device to transfer the electric current from ignition system to combustion chamber of a vehicle. Stringent regulations & norms by government regarding emissions & fuel efficiency and growth of automotive industries are driving the market for spark plugs.





Tags

#Pad_Lock_Manufacture, Lock Manufacturing, Lock Manufacturing Process, Door Lock Manufacturing, Lock Manufacture, Padlocks and Door Locks, Ringer's Lactate Solution, #Lactated_Ringer's_Solution, Shoe Lace Manufacturing, How Shoelace is made, Shoelace Manufacturing Process, #Ink_for_Hot_Stamping_Foil, Hot Stamping Foil Ink, Investment Casting (Lost-Wax Casting, Metal-Forming), Investment Casting, #Investment_Casting_Process, Investment Casting Process Pdf, Production of Ethylenediamine, Ethylenediamine, Wheat Puff (Puffed Wheat), Puffed Wheat, Wheat Puff Manufacture, Puffed Wheat Manufacture, Wheat Puff Manufacture, Khaini (Chewing Tobacco), Manufacturing of Smokeless Tobacco, Chewing Tobacco, Khaini Manufacturing Process, Starting Tobacco Product Manufacturing, Khaini Manufacturing Industry, Refining of Used Lubricating Oil, 4, 4, Diamino Stilbene 2-2-Di-Sulphonic Acid, Production of Acrylic Mirror, Acrylic Mirror Manufacture, Poplar Plantation, Poplar Tree Farming, Poplar Farming, Most Profitable Poplar Tree Farming in India, Dough Moulded Compound, Dough Molding Compounds, Spark Plug Manufacturing, Spark Plug, Spark Plug Manufacturing Process Pdf, Production of Spark Plugs, #Fastest_Growing_&_Best_Industries_for_Starting_a_Business, Businesses that will boom in 2020, Innovative Industries that will Really Boom, Future Business Ideas, Top Business Ideas for Entrepreneurs, Industries that Will Boom in Next Decade, Good Opportunities in India for Entrepreneurs, Industries Poised for Explosive Growth in the Future,



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

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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**
- **Raw Material & Manpower Availability**
- **Project Costs and Payback Period**

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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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NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Spark Mall,
New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595 Fax: +91-11-23841561

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- *We adopt a systematic approach to provide the strong fundamental support needed for the effective delivery of services to our Clients' in India & abroad*



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- *We have two decades long experience in project consultancy and market research field*
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- *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

NIIR PROJECT CONSULTANCY SERVICES

106-E, Kamla Nagar, Opp. Spark Mall,

New Delhi-110007, India.

Email: npcs.ei@gmail.com , info@entrepreneurindia.co

Tel: +91-11-23843955, 23845654, 23845886, 8800733955

Mobile: +91-9811043595

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