

Adhesive (Fevicol Type)

Glue, White Adhesive, Synthetic Resin Adhesive, Wood Working, Vinyl Acetate Based Adhesive, Wood Adhesives

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, Plant Layout, Process Flow Sheet, Cost of Project, Projected Balance Sheets, Profitability Ratios, Break Even Analysis

Introduction

Fevicol type adhesive come under the category of Synthetic resins and latex adhesives are made from Polyvinyl acetate is thermoplastic, odourless, tasteless, non toxic, essentially clear and colorless resin. It has a non Crystalline and relatively branched rather than linear structure. Most grades of resin have somewhat broad molecular weight distribution. They do not melt but soften over a temperature range. The resin is unaffected by sunlight, ultraviolet light and air, further more it will absorb a small amount of water. Polyvinyl acetate is neutral and non-corrosive.

The Various grades have good heat stability below 100°C, show slight discoloration at approximately 150° and decompose at 50°C show slight discoloration at approximately 150°C but brittle at 10°C to 15°C. The adhesive industry is currently the most important outlet for polyvinyl acetate. Polyvinyl acetate came into widespread use in 1940's as a synthetic resin substitute for hide glue.

Adhesives are made in various types and may be synthetic or natural. The term synthetic adhesive means the adhesive which is prepared by using synthetic chemical such as synthetic resin.

The manufacture of adhesive from synthetic resin is simple and can be started with very little investment. The most advantage to any type of adhesive as per market demand.

Polyvinyl acetate is now used in adhesives for various applications such as Book binding, Paper bag, Milk Can, Drinking straws, Envelopes, Gummed Tapes, and Foils etc. The vinyl acetate adhesive is also used for lamination, combination of two or more plies of material into a new composite. The introduction of adhesives based on vinyl acetate has introduction of adhesives based on vinyl acetate is used for the manufacture of

poly vinyl acetate (PVA), Polyvinyl alcohol is being imported from countries like Germany, FRP, France, U.K, Netherlands, Japan, Hungary, Italy, U.S.A and Belgium. Synthetic adhesives Produced in India are mostly base on vinyl Acetate Monomers (V.A.M). VAM is used in form of its various derivatives like Polyvinyl Alcohol and Polyvinyl Acetate, Ethyl Vinyl Acetate etc.

There is a very good scope in this sector and new entrepreneurs should venture into this field.

Indian adhesive market size at Rs 60 bn currently implying per capita consumption of close to Rs 50. Adhesives consumption in India is much lower than the developed economies like USA, Japan and Europe (per capital consumption estimates at Rs 750 in USA, Japan and South Korea combined).

Currently, the major applications of adhesives in India are in furniture, packaging, automotive and construction. India differs with other regions in terms of usage of disposable products. Growth in usage of such items would provide thrust to adhesive demand going ahead.

Pidilite has been enjoying a leadership positioning with over 60% market share in Indian adhesives market and faces very little competition. Apart from PII, other noticeable players in the industry are 3M India, Huntsman, National Starch, Bostik Findley and others. Huntsman with its product 'Carpenter' is considered as closest rival to the company in furniture segment. Woodwork and furniture sector has been the major growth driver for adhesives in India. Indian furniture Industry is estimated at around Rs 710 bn and is estimated to grow at 25-30% CAGR over the next few years.

Indian furniture industry is highly fragmented with unorganized players enjoying over 80% market share. Some of the prominent players in organized sector are Godrej & Boyce, Haworth, Pantaloon, Shoppers Stop, Millenium Lifestyles, Durian, Tangent, Furniture Concepts and Zuari. Packaging is another industry that influences the demand of adhesives. Adhesives are primarily required in making containers and flexible packaging.

Global automobile production was estimated at approximately 89.7 million units in 2014 and is likely to cross 100 million units by 2018.



Increasing plastic and polymer use in vehicles, in order to reduce weight for enhancing efficiency will most likely drive adhesives and sealants market size, with growth expectations of 4.9% and 5.9% from 2016 to 2023, respectively. Packaging applications accounted for over 20% of the glue demand, with consumption over 2 million tons in 2015. Packaging applications includes carton boxes, envelopes, carton closures, cups, flexible packaging, specialty packaging, bags and disposables, PU, water based and hot melts are widely used in packaging applications.



Reasons for buying the report:

- **This 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**
- **This report provides vital information on the product like it's characteristics and segmentation**
- **This report helps you market and place the product correctly by identifying the target customer group of the product**

- **This 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**

Scope of the Report

The report titled “Adhesive (Fevicol Type)”: Market Survey cum Detailed Techno Economic Feasibility Report provides an insight into the Adhesive (Fevicol Type) market in India with focus on uses and applications, Manufacturing Process, Process Flow Sheets, Plant Layout and Project Financials of Adhesive (Fevicol Type) project. The report assesses the market sizing and growth of the Indian Adhesive (Fevicol Type) 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**

We at NPCCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in the Adhesive (Fevicol Type) sector in India along with its business prospects. Through this report we have identified Adhesive (Fevicol Type) project as a lucrative investment avenue.

Capacity : 300 MT/Annum

Plant and Machinery : 11 Lakhs

Total Capital Investment : 123 Lakhs

Rate of Return : 49%

Break Even Point : 38%

- 1. What is Adhesive (Fevicol Type) industry ?**
- 2. How has the Adhesive (Fevicol Type) industry performed so far and how will it perform in the coming years ?**
- 3. What is the Project Feasibility of a Adhesive (Fevicol Type) Plant ?**
- 4. What are the requirements of Working Capital for setting up a Adhesive (Fevicol Type) plant ?**

- 5. What is the structure of the Adhesive (Fevicol Type) Business and who are the key/major players ?**
- 6. What is the total project cost for setting up Adhesive (Fevicol Type) plant ?**
- 7. What are the operating costs for setting up a Adhesive (Fevicol Type) plant ?**
- 8. What are the machinery and equipment requirements for setting up a Adhesive (Fevicol Type) plant ?**

- 9. Who are the Suppliers and Manufacturers of Plant & Machinery for setting up a Adhesive (Fevicol Type) plant ?**
- 10. What are the requirements of raw material for setting up a Adhesive (Fevicol Type) plant ?**
- 11. Who are the Suppliers and Manufacturers of Raw materials for setting up a Adhesive (Fevicol Type) plant ?**
- 12. What is the Manufacturing Process and Formulations of a Adhesive (Fevicol Type) plant ?**

- 13. What is the total size of land required for setting up Adhesive (Fevicol Type) plant ?**
- 14. What will be the income and expenditures for Adhesive (Fevicol Type) plant ?**
- 15. What are the Projected Balance Sheets of Adhesive (Fevicol Type) plant ?**
- 16. What are the requirement of utilities and overheads for setting up Adhesive (Fevicol Type) plant?**
- 17. What is the Built up Area Requirement and cost for setting up a Adhesive (Fevicol Type) Business?**

18. What are the Personnel (Manpower) Requirements for setting up a Adhesive (Fevicol Type) Business?

19. What are Statistics of Import & Export for Adhesive (Fevicol Type) ?

20. What is the time required to break-even?

21. What is the Break-Even Analysis of a Adhesive (Fevicol Type) plant?

22. What are the Project financials of Adhesive (Fevicol Type) plant?

- 23. What are the Profitability Ratios of a Adhesive (Fevicol Type) plant?**
- 24. What is the Sensitivity Analysis-Price/Volume of a Adhesive (Fevicol Type) plant?**
- 25. What are the Projected Pay-Back Period and IRR of a Adhesive (Fevicol Type) plant?**
- 26. What is the Process Flow Sheet Diagram of a Adhesive (Fevicol Type) project?**

27. What are the Market Opportunities for setting up a Adhesive (Fevicol Type) plant?

28. What is the Market Study and Assessment for setting up a Adhesive (Fevicol Type) plant?

29. What is the Plant Layout for setting up a Adhesive (Fevicol Type) Business?

Table of Contents of the Project Report

1. INTRODUCTION

2. USES & APPLICATIONS

3. B.I.S. SPECIFICATIONS

3.1. I S - 6367 - 1971 DEXTRIN FOR ADHESIVE INDUSTRY.

3.2. I S - 848 – 1974 SYNTHETIC RESIN ADHESIVES FOR PLYWOOD (PHENOLIC AND AMINOPLASTIC)

3.3. I S 852 – 1978- SYNTHETIC RESIN ADHESIVES FOR CONSTRUCTION WORK (NON STRUCTURAL) IN WOOD.

4. MARKET SURVEY



- 4.1. ADHESIVES**
- 4.2. MARKET STRUCTURE**
- 4.3. LEADING BRANDS**

- 5. FINANCIAL ANALYSIS & COMPARISON OF INDIAN MAJOR COMPANIES**

- 5.1. ABOUT FINANCIAL STATEMENTS OF CMIE DATABASE**
- 5.2. PROFITS & APPROPRIATIONS**
- 5.3. TOTAL LIABILITIES**
- 5.4. TOTAL ASSETS**
- 5.5. NET CASH FLOW FROM OPERATING ACTIVITIES**
- 5.6. SECTION – I**

5.7. COMPANY WISE ADDRESS DETAILS

5.8. SECTION – II

5.9. SECTION – I

5.9.1. Name of Company with Contact Details

5.9.2. Name of Director(S)

5.9.3. Plant Capacity

5.9.4. Location of Plant

5.9.5. Capital Expenditure Projects

5.9.6. Name of Raw Material(S) Consumed With Quantity & Cost

5.10. SECTION – II

5.10.1. Assets

5.10.2. Cash Flow

5.10.3. Cost as % Ge of Sales

5.10.4. Forex Transaction

- 5.10.5. Growth in Assets & Liabilities**
- 5.10.6. Growth in Income & Expenditure**
- 5.10.7. Income & Expenditure**
- 5.10.8. Liabilities**
- 5.10.9. Liquidity Ratios**
- 5.10.10. Profitability Ratio**
- 5.10.11. Profits**
- 5.10.12. Return Ratios**
- 5.10.13. Structure of Assets & Liabilities (%)**
- 5.10.14. Working Capital & Turnover Ratios**

6. PROPERTIES OF RAW MATERIALS

7. EXPORT & IMPORT STATISTICS DATA

**7.1. EXPORT STATISTICS DATA ON ADHESIVE
(FEVICOL TYPE)**

8. PRESENT MANUFACTURERS

**9. EXPERIMENTAL ADHESIVE FORMULATION TEST
RESULTS**

10. MANUFACTURING PROCESS

**10.1. FORMULATION FOR POLYVINYL ACETATE
EMULSION**

**10.2. FORMULATIONS FOR SYNTHETIC ADHESIVE
BASED ON POLYVINYL ACETATE**

11. ADHEIVES FORMULATION

12. PROCESS FLOW DIAGRAM

13. PLANT & MACHINERY SUPPLIERS

14. SUPPLIERS OF RAW MATERIAL

15. PLANT LAYOUT

16. MACHINERY PHOTOGRAPHS

Project Financials

• Project at a Glance	Annexure
• Assumptions for Profitability workings	1
• Plant Economics.....	2
• Production Schedule.....	3
• Land & Building.....	4
Factory Land & Building	
Site Development Expenses	

- **Plant & Machinery.....5**
 - Indigenous Machineries
 - Other Machineries (Miscellaneous, Laboratory etc.)

- **Other Fixed Assets.....6**
 - Furniture & Fixtures
 - Pre-operative and Preliminary Expenses
 - Technical Knowhow
 - Provision of Contingencies

- **Working Capital Requirement Per Month.....7**
 - Raw Material
 - Packing Material
 - Lab & ETP Chemical Cost
 - Consumable Store

- **Overheads Required Per Month and Per Annum.....8**
 - Utilities & Overheads (Power, Water and Fuel Expenses etc.)
 - Royalty and Other Charges
 - Selling and Distribution Expenses
- **Salary and Wages9**
- **Turnover Per Annum10**
- **Share Capital.....11**
 - Equity Capital
 - Preference Share Capital

- **Annexure 1 :: Cost of Project and Means of Finance**
- **Annexure 2 :: Profitability and Net Cash Accruals**
 - **Revenue/Income/Realisation**
 - **Expenses/Cost of Products/Services/Items**
 - **Gross Profit**
 - **Financial Charges**
 - **Total Cost of Sales**
 - **Net Profit After Taxes**
 - **Net Cash Accruals**

• **Annexure 3 :: Assessment of Working Capital requirements**

- **Current Assets**
- **Gross Working Capital**
- **Current Liabilities**
- **Net Working Capital**
- **Working Note for Calculation of Work-in-process**

• **Annexure 4 :: Sources and Disposition of Funds**

- **Annexure 5 :: Projected Balance Sheets**

- **ROI (Average of Fixed Assets)**
- **RONW (Average of Share Capital)**
- **ROI (Average of Total Assets)**

- **Annexure 6 :: Profitability Ratios**

- **D.S.C.R**
- **Earnings Per Share (EPS)**
- **Debt Equity Ratio**

• **Annexure 7 :: Break-Even Analysis**

- **Variable Cost & Expenses**
- **Semi-Variable/Semi-Fixed Expenses**
- **Profit Volume Ratio (PVR)**
- **Fixed Expenses / Cost**
- **B.E.P**

- **Annexure 8 to 11 :: Sensitivity Analysis-Price/Volume**

- **Resultant N.P.B.T**
- **Resultant D.S.C.R**
- **Resultant PV Ratio**
- **Resultant DER**
- **Resultant ROI**
- **Resultant BEP**

- **Annexure 12 :: Shareholding Pattern and Stake Status**
 - **Equity Capital**
 - **Preference Share Capital**
- **Annexure 13 :: Quantitative Details-Output/Sales/Stocks**
 - **Determined Capacity P.A of Products/Services**
 - **Achievable Efficiency/Yield % of Products/Services/Items**
 - **Net Usable Load/Capacity of Products/Services/Items**
 - **Expected Sales/ Revenue/ Income of Products/ Services/ Items**

- **Annexure 14** :: **Product wise Domestic Sales Realisation**
- **Annexure 15** :: **Total Raw Material Cost**
- **Annexure 16** :: **Raw Material Cost per unit**
- **Annexure 17** :: **Total Lab & ETP Chemical Cost**
- **Annexure 18** :: **Consumables, Store etc.**
- **Annexure 19** :: **Packing Material Cost**
- **Annexure 20** :: **Packing Material Cost Per Unit**

- **Annexure 21** :: **Employees Expenses**
- **Annexure 22** :: **Fuel Expenses**
- **Annexure 23** :: **Power/Electricity Expenses**
- **Annexure 24** :: **Royalty & Other Charges**
- **Annexure 25** :: **Repairs & Maintenance**

Expenses

- **Annexure 26** :: **Other Manufacturing Expenses**
- **Annexure 27** :: **Administration Expenses**
- **Annexure 28** :: **Selling Expenses**

- **Annexure 29 :: Depreciation Charges – as per Books (Total)**
- **Annexure 30 :: Depreciation Charges – as per Books (P & M)**
- **Annexure 31 :: Depreciation Charges - as per IT Act WDV (Total)**
- **Annexure 32 :: Depreciation Charges - as per IT Act WDV (P & M)**
- **Annexure 33 :: Interest and Repayment - Term Loans**
- **Annexure 34 :: Tax on Profits**
- **Annexure 35 :: Projected Pay-Back Period and IRR**

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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*
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- *Laboratory Testing Services*
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- *Entrepreneur India (An Industrial Monthly Journal)*

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- *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

Who do we serve?

- *Public-sector Companies*
- *Corporates*
- *Government Undertakings*
- *Individual Entrepreneurs*
- *NRI's*
- *Foreign Investors*
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- *Educational Institutions*
- *Embassies & Consulates*
- *Consultancies*
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- *Ayurvedic And Herbal Medicines, Herbal Cosmetics*
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- *Adhesives, Industrial Adhesive, Sealants, Glues, Gum & Resin*
- *Activated Carbon & Activated Charcoal*
- *Aluminium And Aluminium Extrusion Profiles & Sections,*
- *Bio-fertilizers And Biotechnology*
- *Breakfast Snacks And Cereal Food*
- *Bicycle Tyres & Tubes, Bicycle Parts, Bicycle Assembling*

- *Bamboo And Cane Based Projects*
- *Building Materials And Construction Projects*
- *Biodegradable & Bioplastic Based Projects*
- *Chemicals (Organic And Inorganic)*
- *Confectionery, Bakery/Baking And Other Food*
- *Cereal Processing*
- *Coconut And Coconut Based Products*
- *Cold Storage For Fruits & Vegetables*
- *Coal & Coal Byproduct*

- *Copper & Copper Based Projects*
- *Dairy/Milk Processing*
- *Disinfectants, Pesticides, Insecticides, Mosquito Repellents,*
- *Electrical, Electronic And Computer based Projects*
- *Essential Oils, Oils & Fats And Allied*
- *Engineering Goods*
- *Fibre Glass & Float Glass*
- *Fast Moving Consumer Goods*
- *Food, Bakery, Agro Processing*

- *Fruits & Vegetables Processing*
- *Ferro Alloys Based Projects*
- *Fertilizers & Biofertilizers*
- *Ginger & Ginger Based Projects*
- *Herbs And Medicinal Cultivation And Jatropha
(Biofuel)*
- *Hotel & Hospitality Projects*
- *Hospital Based Projects*
- *Herbal Based Projects*
- *Inks, Stationery And Export Industries*

- *Infrastructure Projects*
- *Jute & Jute Based Products*
- *Leather And Leather Based Projects*
- *Leisure & Entertainment Based Projects*
- *Livestock Farming Of Birds & Animals*
- *Minerals And Minerals*
- *Maize Processing(Wet Milling) & Maize Based Projects*
- *Medical Plastics, Disposables Plastic Syringe, Blood Bags*
- *Organic Farming, Neem Products Etc.*

- *Paints, Pigments, Varnish & Lacquer*
- *Paper And Paper Board, Paper Recycling Projects*
- *Printing Inks*
- *Packaging Based Projects*
- *Perfumes, Cosmetics And Flavours*
- *Power Generation Based Projects & Renewable Energy Based Projects*
- *Pharmaceuticals And Drugs*
- *Plantations, Farming And Cultivations*
- *Plastic Film, Plastic Waste And Plastic Compounds*
- *Plastic, PVC, PET, HDPE, LDPE Etc.*

- *Potato And Potato Based Projects*
- *Printing And Packaging*
- *Real Estate, Leisure And Hospitality*
- *Rubber And Rubber Products*
- *Soaps And Detergents*
- *Stationary Products*
- *Spices And Snacks Food*
- *Steel & Steel Products*
- *Textile Auxiliary And Chemicals*

- *Township & Residential Complex*
- *Textiles And Readymade Garments*
- *Waste Management & Recycling*
- *Wood & Wood Products*
- *Water Industry(Packaged Drinking Water & Mineral Water)*
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