



#### Start a Production Business of

## Adhesive

### (Fevicol Type)

Profitable Business Idea in Adhesive Industry.



#### Introduction

Adhesives are social substances that can adhere to surfaces permanently using an adhesive technique. Two dissimilar bodies are held in close proximity to each other so that mechanical force or work can be exchanged across the interface.



Any substance that, when applied to the surfaces of materials, holds them together and prevents separation is known as an adhesive. The terms "adhesive," "glue," "Adhesive (Fevicol Type)," "mucilage," and "paste" are all interchangeable. The materials it is used to join, as well as the conditions in which it is applied.



#### **Uses**

Adhesives are chemicals that are used to join objects or materials. The substances that stay together, regardless of what they are, are referred to as "substrates" in scientific language. Polymers or resins, which are chemical structures that can eventually be recognized as plastics, are commonly used in adhesives.



Adhesives are also employed in the healthcare industry, therefore they have a wide range of uses in dentistry, medicine, and pharmaceuticals. In medicine and dentistry, various contemporary adhesives are employed in direct physiological interactive modes or to construct thousands of medical devices.



The use of adhesives in the pharmaceutical industry attempts to build new pharmaceutical systems that optimise medication release rate as well as targeted drug delivery. This encourages a more efficient utilisation of the active substance's pharmacological potential, resulting in improved treatment efficiency and lower overall dosages, as well as fewer side responses.



#### **Types of Adhesives**

There are numerous adhesive types available for diverse applications. They can be classified based on their chemistries (epoxies, polyurethanes, polyimides), their form (paste, liquid, film, pellets, tape), their type (hot melt, reactive hot melt, thermosetting, pressure sensitive, contact, etc.), or their load carrying capability (structural, semistructural, contact, etc.).



Structural Adhesives: Structural adhesives are relatively strong adhesives that are typically employed well below their glass transition temperature, which is a critical feature of polymeric materials that determines whether they are rubbery or glassy. Epoxies, cyanoacrylates, and some urethanes and acrylic adhesives are all examples of structural adhesives. Such adhesives can withstand high loads and are ideal for structural applications.



**Pressure Sensitive Adhesives:** Pressure sensitive adhesives are elastomers with a low modulus that deform quickly under modest pressures and can moisten surfaces. Van der Waals forces are adequate to maintain contact when the substrate and adhesive are brought into close proximity and can generate rather permanent connections. Pressure sensitive adhesives are typically bought as tapes or labels for nonstructural applications, ....



.... but they can also be found as double-sided foam tapes for semi-structural applications. When heated, hot melts turn to liquid, soaking the surfaces before solidifying into a solid polymer. These materials are increasingly being used in a variety of technical applications, with more sophisticated versions of the common glue guns being used.



Anaerobic adhesives cure in oxygen-depleted regions, and they've been widely employed in mechanical engineering applications to hold bolts and bearings in place. Cure in other adhesives can be produced by ultraviolet light or electron beams, or it can be catalyzed by particular materials found on various surfaces, such as water.



The Glass Transition Temperature (TG): The glass transition temperature (TG) of a polymer refers to the temperature range in which the amorphous part of the polymer converts from a hard, glassy substance to a soft, rubbery material. Although exact temperatures for the glass transition temperature are frequently cited, it is crucial to remember that this is a rate-dependent process.



The glass transition temperature for thermosetting structural adhesives should generally be 50°C higher than the intended service temperature. The glass transition temperature of an adhesive rarely exceeds the cure temperature unless there are considerable isotherms connected with the cure process. To achieve a sufficiently high TG in a tolerable cure period, high-performance structural bonds frequently require an increased temperature cure.

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#### **Market Outlook**

The global adhesives market is predicted to develop at a 4.5 percent compound annual growth rate (CAGR). Adhesives are utilised in a variety of industrial, commercial, and domestic settings. Adhesives are chemicals that bind materials together by adhering to their surfaces. ESTE GLUE



Adhesives combine organic and inorganic elements to create a strong bind between two or more materials. Adhesive demand is fueled by rising uses in the building and construction, packaging, and automotive industries. With the growth of processed food and beverage production around the world, the demand for efficient and dependable packaging solutions has skyrocketed.



The need for adhesives has risen as a result. The demand for high-performance adhesives has risen significantly in the automotive industry for effective bonding of dissimilar materials. Increased investment in the creation of fuelefficient and environmentally friendly automobiles has resulted in a rise in the usage of high-performance adhesives for bonding synthetic materials in automobiles.



#### **Key Players**

- 1. Arofine Polymers Ltd.
- 2.C I C O Technologies Ltd.
- 3.D H Resins & Chemicals Pvt. Ltd.
- 4.F C L Technologies & Products Ltd.
- 5. Golden Chem-Tech Ltd.
- 6. Henkel Adhesives Technologies India Pvt. Ltd.



#### **Machinery Photographs**



Thermic Fluid Heater







#### SEMI AUTOMATIC LIQUID FILLING MACHINE





#### **REACTOR**



COST O	F PROJE	СТ	MEANS OF FINANCE					
Particulars	Existing	Proposed	Total	Particulars	Existing	Proposed	Total	
Land & Site Development Exp.	0.00	60.73	60.73	Capital	0.00	61.73	61.73	
Buildings	0.00	39.00	39.00	Share Premium	0.00	0.00	0.00	
Plant & Machineries	0.00	78.26		Other Type Share Capital	0.00	0.00	0.00	
Motor Vehicles	0.00	5.00	5.00	Reserves & Surplus	0.00	0.00	0.00	
Office Automation Equipments	0.00	23.00	23.00	Cash Subsidy	0.00	0.00	0.00	
Technical Knowhow Fees & Exp.	0.00	2.50	2.50	Internal Cash Accruals	0.00	0.00	0.00	
Franchise & Other Deposits	0.00	0.00		Long/Medium Term Borrowings	0.00	185.20	185.20	
Preliminary& Pre- operative Exp	0.00	2.50	2.50	Debentures / Bonds	0.00	0.00	0.00	
Provision for Contingencies	0.00	7.58	7.58	Unsecured Loans/Deposits	0.00	0.00	0.00	
Margin Money - Working Capital	0.00	28.37	28.37					
TOTAL	0.00	246.94	246.94	TOTAL	0.00	246.94	246.94	

(npcs)

								www.iiii.org				
Year	Annu	ıalised	Book Value	Debt	Dividend	Retained Earnings		Payout	Probable Market Price	P/E Ratio	Yield Price/ Book Value	
	EPS	CEPS	Per	Per Share Share		Per Share			No.of Times			
	•	•	•	•	•	%	•	%	•		%	
1-2	6.49	9.72	16.49	24.00	0.00	100.00	6.49	0.00	6.49	1.00	0.00	
1-2	0.43	5.72	10.43	24.00	0.00	100.00	0.43	0.00	0.43	1.00	0.00	
2-3	9.17	11.97	25.66	18.00	0.00	100.00	9.17	0.00	9.17	1.00	0.00	
3-4	11.86	14.29	37.52	12.00	0.00	100.00	11.86	0.00	11.86	1.00	0.00	
	44.4	40.50	<b>54.00</b>			400.00	44.4		44.4-	4.00		
4-5	14.47	16.58	51.99	6.00	0.00	100.00	14.47	0.00	14.47	1.00	0.00	
5-6	16.98	18.81	68.96	0.00	0.00	100.00	16.98	0.00	16.98	1.00	0.00	
		_										



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Year		D. S.	C. R.		Debt / - Deposits Debt	Equity as- Equity	Net	Return on Net Worth	•			Assets Turnover Ratio				
	Indiv idual	Cumu	llative	Over all					GPM	PBT	PAT	Net Contri bution	P/V Ratio			
	(Nı	ımber	of time	es)	(Number o	of times)	%	%	%	%	%		%			
Initial					3.00	3.00										
1-2	1.42	2	1.42		1.46	1.46	3.32		6.93%	4.10%	2.82%	211.38	14.86%	3.25	1.06	
2-3	1.73	3	1.57		0.70	0.70	2.08		7.65%	5.21%	3.41%	246.58	14.86%	3.41	1.20	
3-4	2.09	9	1.73	2.09	0.32	0.32	1.40		8.13%	6.02%	3.86%	281.80	14.86%	3.42	1.36	
4-5	2.52	2	1.91		0.12	0.12	0.99		8.45%	6.59%	4.19%	317.03	14.86%	3.35	1.53	
5-6	3.01	1 :	2.09		0.00	0.00	0.73		8.66%	6.99%	4.42%	352.25			1.91	
www	.ent	trep	rene	<u>urin</u>	<u>dia.co</u>									np	CS	

52.97%

В	E	P

BEP - Maximum Utilisation Year

Cash BEP (% of Installed Capacity)

Total BEP (% of Installed Capacity)

IRR, PAYBACK and FACR

Internal Rate of Return ..(In %age)

Payback Period of the Project is (In Years)

Fixed Assets Coverage Ratio (No. of times)

49.75%

27.33%

2 Years 3 Months

16.199



#### **Major Queries/Questions Answered in the Report?**

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



- 5. What is the structure of the Adhesive (Fevicol Type) Manufacturing Business and who are the key/major players?
- 6. What is the total project cost for setting up Adhesive (Fevicol Type) Manufacturing Business?
- 7. What are the operating costs for setting up Adhesive (Fevicol Type) Manufacturing plant?
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- ✓ 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 anticipate the industry performance and make sound business decisions





- 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 "Market Survey cum Detailed Techno Economic Feasibility Report on Adhesive (Fevicol Type) ." provides an insight into 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:

(npcs)



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

We at NPCS, 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.



## **Tags**

#businessconsultant **#DetailedProjectReport #NPCS** #entrepreneurindia #startupbusiness **#BusinessPlan #ProjectReport #InvestInStartups #StartupIdea #startupinvestment #StartupBusinessPlan #StartupPlan #AdhesiveProduction #AdhesiveManufacturing #AdhesiveMarket #AdhesiveBusiness #Adhesive** 



# NIR PROJECT CONSULTANCY SERVICES (NPCS) can provide Detailed Project Report on Adhesive (Fevicol Type)



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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.

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,

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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.

We at NPCS, through our reliable expertise in the project consultancy and market research field, have demystified the situation by putting forward the emerging business opportunity in India along with its business prospects.....Read more







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- Project Identification
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- Market Research Reports
- Business Plan
- > Technology Books and Directory
- Industry Trend
- Databases on CD-ROM
- Laboratory Testing Services
- Turnkey Project Consultancy/Solutions
- > 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



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
- **❖** Non-profit Organizations, NBFC's
- Educational Institutions
- **❖** Embassies & Consulates
- Consultancies
- Industry / trade associations



#### **Sectors We Cover**

- \* Ayurvedic And Herbal Medicines, Herbal Cosmetics
- Alcoholic And Non Alcoholic Beverages, Drinks
- ❖ 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 & Hospitability 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.



Sectors We Cover cont..

- **❖** 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

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





# Objective

- To provide forecasts of key parameters which helps to anticipate the industry performance
- To help chart growth trajectory of a business by detailing the factors that affect the industry growth
- To help an entrepreneur/manager in keeping abreast with the changes in the industry
- To evaluate the competitive landscape of the industry by detailing:
  - ☐ Key players with their market shares
  - ☐ Financial comparison of present players

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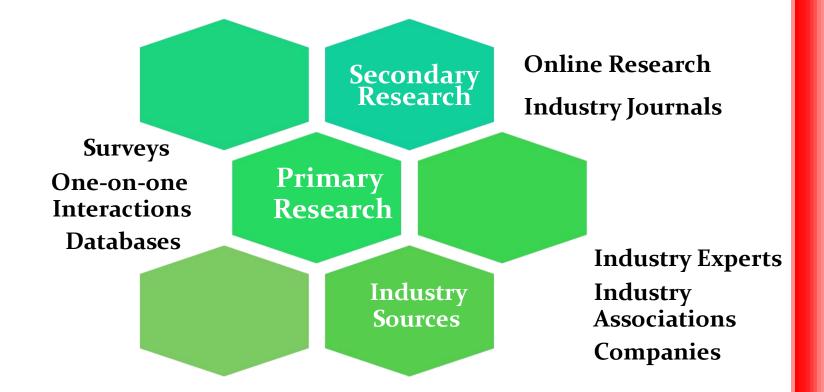
# Clientele

- Venturist/Capitalists
- Entrepreneur/Companies
- Industry Researchers
- Investment Funds
- Foreign Investors, NRI's
- Project Consultants/Chartered Accountants
- Banks
- Corporates

**Click here for list** 



# Data Sources Data Sources





# Scope & Coverage





### Our Team Onl 169W

- ☐ Our research team comprises of experts from various financial fields:
- ☐ MBA's
- ☐ Industry Researchers
- Financial Planners
- □ Research veterans with decades of experience

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## Structure of the Report Structure of the Keport

- 1. Overview
- 2. Market Analysis
  - 2.1 Growth Drivers
  - **2.2** Emerging Trends in the Industry
  - 2.3 Regulatory Framework
  - 2.4 SWOT Analysis
  - 2.5 Herfindahl-Hirschman Index (HHI)
- 3. Market Forecasts
- 4. Key Players

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## Structure of the Report Structure of the Report

- 5. Key Financials and Analysis
  - **5.1** Contact Information
  - **5.2** Key Financials
  - **5.3** Financial comparison
- 6. Industry Size & Outlook







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## THANK YOU

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