


Adhesives Properties and Formulation

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<http://goo.gl/Gd8TdY>

Information

Adhesives surround us in nature and in our daily lives. Adhesive, or glue, is a mixture in a liquid or semi liquid state that is capable of holding materials together by surface attachment. An adhesive is a compound that adheres or bonds two items together so as to form a single unit. Adhesives may come from either natural or synthetic sources. Adhesives and sealants virtually touch every part of our lives. Some modern adhesives are extremely strong, and are becoming increasingly important in modern construction and industry.




A large and growing number of adhesives are available in the market. Adhesives for this growing market range from the simplest glues and mucilages for furniture making and repair, to metal to metal bonding for frame construction. There is no end in sight to the new materials, new formulation, and new uses to which adhesives will be put in the future. Formulations generally are compounded to satisfy a special need or needs. Therefore, uniformity of neither product nor end use exists.



Applicators of different adhesives are designed according to the adhesive being used and the size of the area to which the adhesive will be applied. The adhesive is applied to either one or both of the materials being bonded. The pieces are aligned and pressure is added to aid in adhesion and rid the bond of air bubbles. Adhesives are of great use across innumerable industrial and commercial applications.

Some of the fundamentals of the book are water based industrial type adhesives, home construction and related adhesives, water based wallpaper adhesive, fabric adhesives, water based adhesive for bonding non woven fabric to non woven fabric by knife coating, film adhesives, water based food packing adhesive for bonding, flocking adhesives, foam adhesives, water based adhesive for bonding urethane, industrial adhesives, bag seam and bottom paste adhesives, solid fiber, fiberboard and corrugated board adhesives, packaging adhesives etc.



This indispensable book contains numerous essential adhesive formularies distinguished by application. This book will be an invaluable resource to its readers, upcoming entrepreneurs, scientists, existing industries, technical institutions, etc.

See more: <http://goo.gl/Gd8TdY>

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Water-Based Coating for Fourdrinier
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▶ Water-Based Coating for Fourdrinier Paperboard (Polyvinyl Acetate/Protein)

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Water-Based Coating for Label and Offset Printing Papers (Polyvinyl Acetate/Protein)

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Lacquer for Food-Packing Use on Papers, Films
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SECTION IV HOT MELT ADHESIVES

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Hot Melt Elastic Backing Adhesive (Polybutene/Butyl)

Hot Melt Industrial Use Adhesive (Rosin/Polyvinyl Butryal)

Hot Melt Leather-to-Wood Adhesive (Rosin/Polyvinyl Butyral)

Hot Melt Metal-to-Metal Adhesive and Caulking Compound (Polyamides)

Hot Melt Strong Bond Assembly Adhesive (Resin/Rubber)

Hot Melt Strong Bond Assembly Adhesive (Resin/Rubber)

Hot Melt Traffic Marker (Resins/Ethyl Cellulose)

Hot Melt Transfer of Marking Ink (Ethyl Cellulose/Resin)

18. LABELLING ADHESIVE

Hot Melt General Purpose Label Adhesive (Ethylene-Vinyl Acetate/Polyterpene)

Hot Melt General Purpose Label Adhesive (Ethylene-Vinyl Acetate/Resin)

Hot Melt General Purpose Label Adhesive (Resin)

18. LABELLING ADHESIVE

Hot Melt Label Adhesive (Ethylene-Vinyl Acetate/Polyethylene/Resin)

Hot Melt Label Adhesive for Difficult Substrates (Ethylene-Vinyl Acetate/Polyterpene)

Hot Melt Hot Pick-Up Label Adhesive (Resins/Polyvinyl Butyral

Hot Melt Pressure Sensitive Label Adhesive (Resins/Rubbers)

Hot Melt Pressure Sensitive Label Adhesive (Resins/Rubbers)

Hot Melt Pressure Sensitive Label Adhesive (Rubber/Resin)

Hot Melt Pressure Sensitive Permanent Label Adhesive
(Polypropylene/Resin/Polybutene)

Hot Melt Label and Closure Adhesive (Ethylene-Vinyl Acetate/Resin)

19. PAPER AND PACKAGING TYPE ADHESIVES

Hot Melt Carton Sealing Adhesive (Ethylene-Vinyl Acetate/Resin)

Hot Melt Carton Sealing Adhesive for Low

Temperature Applications (Ethylene-Vinyl Acetates/Polyterpene)

Hot Melt Carton and Case Sealing Adhesive (Ethylene-Vinyl Acetate/Resins)

Hot Melt Case Sealing Adhesive (Polyethylene/Polyterpene/Ethylene-Vinyl Acetate)

Hot Melt Fast Assemble Carton and Case Sealing Adhesive (Ethylene-Vinyl Acetate/Resin/Polyethylene/Rubber)

Hot Melt Curtain Coater Adhesive (Polyterpene/Ethylene-Vinyl Acetate)

Hot Melt Adhesive for Form and Fill Pouches (Ethylene-Vinyl Acetate/Resin)

Hot Melt Adhesive for Frozen Food Cartons (Ethylene-Vinyl
Acetate/Polyterpene)

Hot Melt Glassine and General Purpose Paper Adhesive
(Polyamides)

Hot Melt Paper Laminating Adhesive (Polybutene/Resin/Rubber)

Hot Melt Laminating Adhesive for Paper, Film and Foil
(Polyterpene/Polypropylene)

Hot Melt Packaging Adhesive (Ethyl Cellulose/Resins)

Hot Melt Packaging Adhesive (Ethyl Cellulose/Resins)

Hot Melt Packaging Adhesive (Ethyl Cellulose/Resins)

▶ Hot Melt Packaging Adhesive (Ethyl Cellulose/Resins)

Hot Melt Packaging Adhesive (Ethyl Cellulose/Resins)

Hot Melt Packaging Adhesive (Resins/Polyvinyl Butyral)

Hot Melt Packaging Adhesive (Resins/Polyvinyl Butyral)

Hot Melt Polyethylene Adhesive (Polyamides)

Hot Melt Adhesive for Soap Wrappers and Bands (Ethylene-Vinyl Acetate)

Hot Melt Adhesive for Soap Wrappers and Bands (Ethylene-Vinyl Acetate)

Hot Melt Adhesive for Soap Wrappers and Bands (Ethylene-Vinyl Acetate Resin)

Hot Melt Tray-Forming and Case-Sealing Adhesive

(Polyethylenes/Polyterpene)

Hot Melt Wax Paper Adhesive (Resins/Polyvinyl Butyral)

20. PRESSURE SENSITIVE ADHESIVES

Hot Melt Pressure Sensitive Adhesive

(Polybutenes/Resin)

Hot Melt Pressure Sensitive Adhesive

(Polybutenes/Resin)

▶ Hot Melt Pressure Sensitive Adhesive

▶ (Polybutenes/Resins/Polypropylene)

Hot Melt Pressure Sensitive Adhesive (Polypropylene/Rosin)

Hot Melt Pressure Sensitive Adhesive (Polypropylene/Rosin)

Hot Melt Pressure Sensitive Adhesive

(Polypropylene/Rosin/Polybutene)

Hot Melt Pressure Sensitive Adhesive

(Polyterpene/Ethylene-Vinyl Acetate/Polyethylene)

Hot Melt Pressure Sensitive Adhesive (Polyterpene/Isoprene-
Styrene/Polybutene/Resin)

▶ Hot Melt Pressure Sensitive Adhesive

▶ (Polyterpene/Isoprene-Styrene/Polybutene/Resin)

Hot Melt Pressure Sensitive Adhesive

(Polyterpene/Isoprene-Styrene/Polybutene/Resin)

Hot Melt Pressure Sensitive Adhesive

(Polyterpene/Isoprene-Styrene/Polybutene/Resin)

Hot Melt Pressure Sensitive Adhesive (Polyterpene/Resin)

Hot Melt Pressure Sensitive

Adhesive (Polyterpene/Styrene-Isoprene-Styrene/Styrene-
Butadiene)

Hot Melt Pressure Sensitive Adhesive (Polyterpenes/Ethylene-Vinyl Acetate)

Hot Melt Pressure Sensitive Adhesive (Resin/Rubber)


Hot Melt Pressure Sensitive Adhesive (Resin/Rubber)

Hot Melt Pressure Sensitive Adhesive (Resin/Rubber)

Hot Melt Pressure Sensitive Adhesive
(Rubber/Polyterpene/Polybutene/Resin)

Hot Melt Pressure Sensitive Adhesive
(Rubber/Polyterpene/Polybutene/Resin)

Hot Melt Pressure Sensitive Adhesive
(Rubber/Polyterpene/Polybutene/Resin)




Hot Melt Pressure Sensitive Adhesive
(Rubber/Polyterpene/Resin/Polybutene)

Hot Melt Pressure Sensitive Adhesive
(Rubber/Polyterpene/Resin/Polybutene)

Hot Melt Pressure Sensitive Adhesive
(Rubber/Polyterpene/Resin/Polybutene)

Hot Melt Pressure Sensitive Adhesive (Rubber/Resin)

Hot Melt Pressure Sensitive Adhesive
(Rubber/Resins)



Hot Melt Low-Cost Pressure Sensitive Adhesive
(Polypropylene/Resin/Polybutene)

Hot Melt Low-Cost Pressure Sensitive Adhesive
(Polypropylene/Resin)

Hot Melt Sprayable Pressure Sensitive Adhesive
(Polyterpene/Styrene-Isoprene-Styrene/Styrene-Butadiene)



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- ▶ One of the leading reliable names in industrial world for providing the most comprehensive technical consulting services
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What do we offer?

- ▶ Project Identification
- ▶ Detailed Project Reports/Pre-feasibility Reports
- ▶ Market Research Reports
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- ▶ Laboratory Testing Services
- ▶ Turnkey Project Consultancy/Solutions
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- ▶ 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
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- Government Undertakings
- Individual Entrepreneurs
- NRI's
- Foreign Investors
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- 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

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- ▶ 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

Sectors We Cover *Cont...*

- ▶ 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

Sectors We Cover *Cont...*

- 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

Sectors We Cover *Cont...*

- 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.

Sectors We Cover *Cont...*

- 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

Sectors We Cover *Cont...*

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

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