

Engineered Wood Adhesives Market Size is Projected to Reach US\$ 11.28 Billion, Expanding at 3.6% CAGR From 2024 to 2032

Rising awareness about using environmentally friendly materials fuels the engineered wood adhesives market growth.

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Engineered Wood Adhesives Market

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In 2023, the Asia Pacific region emerged as the dominant force in the engineered wood



An increasing shift towards soy-based products and other bio-based adhesives as a sustainable solution is majorly contributing to the engineered wood adhesives market expansion."

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adhesives market, boasting the largest revenue share. The European market is expected to follow suit with a significant CAGR, while North America is also set to make substantial strides during the forecast period. Engineered wood adhesives, also known as manufactured board adhesives, are versatile formulations of wood strands, particles, fibers, or veneers with adhesives. They are designed for the production of high-quality, sustainable wood-based materials such as plywood, particleboard, medium-density fiberboard, and laminated veneer lumber (LVL). Their diverse applications and unique

properties have made them a popular choice in the construction, furniture, and manufacturing industries. Engineered wood, with its superior durability, consistency, size flexibility, ease of installation, and low maintenance, outperforms natural wood in many aspects.

Prominent companies in the market are investing heavily in research and development and constantly launching various products. For instance, in November 2023, Henkel launched biobased Loctite PUR adhesives, which can reduce CO2 emissions by over 60%.

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- The market is projected to upsurge from USD 8.49 billion in 2024 to USD 11.28 billion by 2032, with a CAGR of 3.6% during the forecast period.
- The engineered wood adhesives market segmentation includes resin, product, technology, application, and region. By resin, the phenol-resorcinol-formaldehyde segment is projected to hold the largest market share during the forecast period.
- By region, In 2023, the Asia Pacific region generated the largest share 2023, followed by Europe and North America. Rapid urbanization and infrastructure development in nations such as China, India, and Southeast Asian nations are the primary drivers of the market growth in Asia Pacific. Additionally, growing demand for high-quality adhesives such as plywood, particle board, and MDF (Medium Density Fiberboard) accelerates the engineered wood adhesives market sales.

Shift Towards Sustainable Materials: The increasing awareness about using environmentally friendly materials and the introduction of environmental regulations have empowered the industry to shift towards sustainable options. With the increased adoption of soy-based products and other bio-based adhesives, the market for engineered wood adhesives is likely to grow.

Advancements in Adhesive Technology: Rising innovations in adhesive compositions and application methods are expanding potential applications of engineered wood in various industries. Advanced engineered wood products aimed at reducing VOC emissions, improving resistance to heat and moisture, and improving flexibility are being developed, which augments the engineered wood adhesives market growth.

Adoption in Furniture Manufacturing: Compared to traditional solid wood, furniture makers increasingly prefer engineered wood, such as plywood, particleboard, and medium-density fiberboard (MDF), fueling overall demand in the furniture industry.

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Market players are expanding their product portfolio with a number of activities conducted, such as new product launches, collaboration, agreements, mergers and acquisitions, and higher investments. To survive in a competitive environment, manufacturers are aiming to minimize operational costs in the global engineered wood adhesives industry.

- · AICA Kogyo Co., Ltd
- AkzoNobel N.V.
- Arkema SA
- Astral Limited
- BASF SE
- Dow
- H.B. Fuller Company
- · Henkel AG & Co., KGaA
- Hexion
- Huntsman Corporation

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- Melamine Formaldehyde
- · Phenol Resorcinol Formaldehyde
- Polyurethane
- Others

- Cross-laminated timber (CLT)
- Glulam
- Plywood
- Oriented Strand Board (OSB)
- Medium Density Fiberboard (MDF)
- Laminated Veneer Lumber (LVL)
- Others

- Solvent-Based
- Water-Based

- Solvent-Less
- Reactive

- Structural
- Non-Structural

- North America
- o US
- o Canada
- Europe
- o Germany
- o France
- o UK
- o Italy
- o Spain
- o Netherlands
- o Russia
- o Rest of Europe
- Asia-Pacific
- o China
- o Japan
- o India
- o Malaysia
- o South Korea
- o Indonesia
- o Australia
- o Vietnam
- o Rest of Asia-Pacific
- Middle East & Africa
- o Saudi Arabia
- o UAE
- o Israel
- o South Africa
- o Rest of Middle East & Africa
- · Latin America
- o Mexico
- o Brazil

- o Argentina
- o Rest of Latin America

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Likhil G
Polaris Market Research and Consulting
+1 929-297-9727
email us here
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