

Adhesive Market, Revenue Share, Key Growth Trends, Major Players, and Forecast, 2023–2032

Adhesive Market report also sheds light on supply chains and the changes in the trends of the upstream raw materials and downstream distributors.

NEW YORK, NY, UNITED STATES, June 1, 2023 /EINPresswire.com/ -- The global <u>Adhesive Market</u> had a market value of USD 55.78 Billion in 2022, and it is projected to reach USD 81.75 Billion by 2032, with a compound annual growth rate (CAGR) of 4.1% during the forecast period. In 2021, the Asia Pacific region accounted for the largest share of revenue in the global Adhesive Market. The increasing demand for adhesives in the construction and automotive sectors of developing countries like China and India is driving the market expansion in this industry.

The demand for adhesive-based products in the construction sector is expected to experience significant growth due to the expanding middle class and urbanization in the Asia Pacific region. Furthermore, the flourishing e-commerce market in the region, along with the availability of deals on these platforms, is anticipated to accelerate the adoption of adhesive products.

The North American Adhesive Market is forecasted to witness the fastest revenue growth during the forecast period. This growth is attributed to the region's stringent environmental regulations and the rising demand for lightweight materials in the automotive and aerospace industries. Additionally, the demand for eco-friendly and energy-efficient construction solutions is expected to drive market growth in this region. The increasing usage of adhesives in wind energy applications, such as turbine blades, is also contributing to the expansion of the market in North America.

The European Adhesive Market is expected to grow at a moderate rate during the estimated timeframe. The main end-user of adhesive in this region is the construction industry, driven by the growing demand for environmentally friendly and energy-efficient building materials. The automotive and aerospace industries are also expected to contribute to market growth due to the increasing need for strong and lightweight materials. Additionally, strict regulations on carbon emissions and waste management in Europe are promoting the adoption of glass-reinforced plastic.

To summarize, the Asia Pacific region currently dominates the global adhesive market due to the increasing demand from countries like China and India. North America is expected to witness the

fastest revenue growth, driven by strict environmental regulations and the demand for lightweight materials in automotive and aerospace applications. Europe is forecasted to grow at a moderate rate, influenced by regulations on carbon emissions and waste management, as well as the rising demand for environmentally friendly and energy-efficient building materials.

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Major Companies and Competitive Landscape:

- Henkel AG & Co. KGaA
- Bostik SA
- 3M Company
- Sika AG
- H.B. Fuller Company
- Avery Dennison Corporation
- BASF SE
- Arkema SA
- Dow Inc.
- Evonik Industries AG
- Mapei SPA

Significant Innovations in the Adhesive Market

The adhesive market has witnessed notable innovations in recent years, revolutionizing various industries and applications. These advancements have led to improved adhesive performance, enhanced sustainability, and expanded application possibilities. Here are some noteworthy innovations in the adhesive market:

1. Sustainable Adhesives: With the increasing focus on environmental sustainability, the development of eco-friendly and bio-based adhesives has gained momentum. These adhesives are derived from renewable resources and have lower carbon footprints compared to traditional adhesive formulations. They offer comparable or even superior performance while reducing environmental impact.

2. Smart Adhesives: The emergence of smart adhesives has opened up new possibilities in industries such as electronics and healthcare. These adhesives possess unique properties, such as conductivity, thermal resistance, and self-healing capabilities. They enable the production of flexible and functional electronic devices, wearable technology, and advanced medical applications.

3. Bioadhesives: Bioadhesives mimic the adhesive properties found in nature, such as those in geckos or mussels. These adhesives offer strong and reversible adhesion, making them ideal for applications requiring temporary bonding or repositioning. They find applications in areas such as medical dressings, wound closure, and industrial assembly.

4. Nanoadhesives: Nanotechnology has paved the way for the development of nanoadhesives

with exceptional bonding strength and durability. These adhesives utilize nanoscale particles or structures to enhance adhesive performance, such as improved adhesion to difficult-to-bond surfaces, increased resistance to heat and chemicals, and better overall mechanical properties. 5. Light-Curing Adhesives: Light-curing adhesives, also known as UV-curable adhesives, have gained popularity due to their rapid curing capabilities. These adhesives remain in a liquid state until exposed to UV light, which triggers a chemical reaction and solidifies the adhesive. This quick curing process allows for faster production cycles and increased efficiency in various industries.

6. Structural Adhesives: Advances in structural adhesives have enabled their use as a viable alternative to traditional mechanical fastening methods like welding or riveting. These adhesives provide high bond strength, excellent resistance to harsh environments, and enable lightweight design in industries such as automotive, aerospace, and construction.

7. 3D Printing Adhesives: As 3D printing technology continues to evolve, specialized adhesives have been developed to enhance the printing process and improve the adhesion between printed layers. These adhesives enable the production of complex and durable 3D-printed objects, expanding the applications of additive manufacturing.

These innovations in the adhesive market have not only improved product performance but also opened up new opportunities across various industries. As research and development in adhesives continue, further advancements are expected, driving innovation and shaping the future of adhesive technology.

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Segments covered in the report:

Segments covered by Product Outlook, Application Outlook, Regional Outlook

By Product Type Outlook

- Water-based
- Solvent-based
- Hot Melt
- Reactive & Others

By Application Outlook

- Packaging
- Building & Construction
- Woodworking & Joinery
- Automotive & Transportation
- Consumer Goods

• Others

Regional Outlook

- North America (U.S.A., Canada, Mexico)
- Europe (Italy, U.K., Germany, France, Rest of Europe)
- Asia Pacific (China, India, Japan, South Korea, Australia, Rest of APAC)
- Latin America (Chile, Brazil, Argentina, Peru, Rest of Latin America)
- Middle East & Africa (Saudi Arabia, U.A.E., South Africa, Rest of MEA)

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