

**Aerospace Adhesives Market By Function (Structural, Non-structural), By Resin Type (Epoxy, Polyurethane, Silicone, Other), By Technology (Waterborne, Solvent borne, Reactive), By End User (Original Equipment Manufacturer, Maintenance Repair and Operations): Global Opportunity Analysis and Industry Forecast, 2021-2031**

Market Report | 2022-10-01 | 228 pages | Allied Market Research

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**Report description:**

Aerospace adhesive is used throughout the interior, exterior and engine compartment of aircraft. On everything from the overhead lockers, to the handy seat trays and even the in-floor lighting. The engine contains thread lockers, retaining compounds, hydraulic system thread sealants as well as structural adhesives. Exterior panels are bonded, wing spars, door moldings and others. Many applications call for the aerospace adhesive according to a specification such as a Mil Spec, ASTM, SAE, or an internal company specification, such as a Boeing specification or a Lockheed Martin specification. Adhesive selection for other aerospace applications is based on the substrates used and requirements of the bond. So, aerospace adhesive is adhesive used in aerospace applications. Many of the adhesives used in aerospace applications are the same products that are used in the automotive industry.

Growth of the aerospace adhesive market is driven by factors such as increase in number of aircraft and air passengers, increasing penetration of composites in aircraft manufacturing, increase in demand for lightweight and fuel-efficient aircraft and increase in defense expenditure are primary factors supporting market growth. The global defense expenditure has seen exponential growth in recent years. According to Stockholm International Peace Research Institute (SIPRI), global defense spending reached \$1,981 billion in 2020 with a 2.6% year-on-year increase. The military expenditure accounted for 2.4% of the global gross domestic product (GDP) in 2020. Thus, an increase in global military expenditure has augmented the adoption of aircraft adhesive.

The aerospace adhesive market is segment on the basis of resin type, technology, function and end-user. The resin type segment is divided into epoxy, silicone, polyurethane, and others. The technology segment is bifurcated into solvent-based, water-based and reactive. The function segment includes original equipment manufacturer (OEM) and maintenance repair and operations

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(MRO). The market within the end-user segment is divided into commercial, military and general aviation. Region wise, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Companies have adopted product development and product launch as their key development strategies in the aerospace adhesive industry. Moreover, collaborations and acquisitions are expected to enable leading players to enhance their product portfolios and expand into different regions. The key players operating in the market are 3M, Huntsman Corporation, H.B. Fuller, Henkel, Illinois Tool Works Inc., PPG, Cytec Solvay Group, Hexcel Corporation, Bostik (Arkema), Dowdupont, Permabond, Lord Corporation, Master Bond, Scigrip Adhesives, General Sealants, and Beacon Adhesives.

#### Key Benefits For Stakeholders

- This report provides a quantitative analysis of the market segments, current trends, estimations, and dynamics of the aerospace adhesives market analysis from 2021 to 2031 to identify the prevailing aerospace adhesives market opportunities.
- The market research is offered along with information related to key drivers, restraints, and opportunities.
- Porter's five forces analysis highlights the potency of buyers and suppliers to enable stakeholders make profit-oriented business decisions and strengthen their supplier-buyer network.
- In-depth analysis of the aerospace adhesives market segmentation assists to determine the prevailing market opportunities.
- Major countries in each region are mapped according to their revenue contribution to the global market.
- Market player positioning facilitates benchmarking and provides a clear understanding of the present position of the market players.
- The report includes the analysis of the regional as well as global aerospace adhesives market trends, key players, market segments, application areas, and market growth strategies.

#### Key Market Segments

##### By Function

- Structural
- Non-structural

##### By Resin Type

- Epoxy
- Polyurethane
- Silicone
- Other

##### By Technology

- Waterborne
- Solvent borne
- Reactive

##### By End User

- Original Equipment Manufacturer
- Maintenance Repair and Operations

##### By Region

- North America
  - U.S.
  - Canada
  - Mexico
- Europe
  - UK
  - Germany
  - France
  - Russia
  - Italy
  - Spain

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- Rest Of Europe
- Asia-Pacific
- China
- India
- Japan
- Australia
- South Korea
- Rest Of Asia-Pacific
- LAMEA
- Latin Ameirca
- Middle East
- Africa
- Key Market Players
- 3M
- Huntsman Corporation
- H.B. Fuller
- Henkel
- Hexcel corp
- Cytec Solvay Group
- PPG
- Illinois Tool Works Inc
- Bostik (Arkema)
- Dowdupont
- Permabond
- Lord Corporation
- Master Bond
- Scigrip Adhesives
- General Sealants
- Beacon Adhesives

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