

# Electronics Adhesives Market Size Rising to US\$ 12.1 Billion with a CAGR of 9% by 2033: FMI's Research Report

*With over 80% market share in North America, the United States leads due to substantial R&D investments, fostering a technologically advanced defense system.*



NEWARK, DELAWARE, UNITED STATES OF AMERICA, December 8, 2023

/EINPresswire.com/ -- The global [electronics adhesives market](#) size is anticipated to reach a valuation of US\$ 5.1 billion in 2023, driven by rising smart home technological advancements. The trend is expected to create new opportunities for the market, leading to a projected CAGR of 9.0% between 2023 and 2033 and reaching a total valuation of approximately US\$ 12.1 billion by 2033.

The rise of emerging technologies is also anticipated to escalate the growth of the electronics adhesives market. Technologies such as 5G, the Internet of Things (IoT), artificial intelligence (AI), and virtual reality (VR) are creating new opportunities in the electronics industry. The technologies demand reliable and durable adhesive solutions for applications ranging from high-speed communication systems to advanced sensor devices. Electronics adhesives play a vital role in ensuring these advanced electronic systems' performance, durability, and reliability.

One of the primary factors driving the growth of the electronics adhesives market is the rapid advancement and innovation in electronic devices. The demand for smaller, lighter, and more compact electronic products has increased significantly, leading to the need for adhesive materials that can provide robust and reliable bonding in miniature applications. With the trend of miniaturization, electronic adhesives play a crucial role in ensuring the secure attachment of components, enabling the seamless integration of complex electronic systems.

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Another significant factor contributing to market growth is the increasing complexity of electronic device designs. As electronic devices become more sophisticated and multifunctional, the need for adhesives that bond diverse materials and substrates has intensified. Adhesive solutions with compatibility across various surfaces, such as metals, plastics, ceramics, and glass, are in high demand. Manufacturers require adhesives that offer excellent adhesion strength,

thermal stability, and resistance to environmental factors like moisture, temperature variations, and chemicals.

The increasing focus on sustainability and environmental regulations influences the electronics adhesives market. Manufacturers are seeking adhesive solutions that are environmentally friendly, low in volatile organic compounds (VOCs), and comply with stringent regulations. Developing eco-friendly adhesives that offer comparable performance to traditional counterparts is becoming a key focus area, driving the demand for sustainable adhesive solutions.

### Market Growth Factors

The push for miniaturization in electronics propels demand for advanced adhesives. Manufacturers strive to reduce device size without compromising performance, meeting consumer preferences. Specifically tailored for microelectronics, these adhesives provide strong bonds, precise application control, and safeguard sensitive components from damage. They also ensure durability by offering protection against environmental factors such as moisture, temperature fluctuations, and mechanical stresses in miniaturized electronic devices.

### Key Takeaways from this Market Study:

The global electronics adhesives market was valued at US\$ 4.7 billion by 2022 end.

From 2018 to 2022, the market demand expanded at a CAGR of 6.5%.

China is expected to hold a dominant CAGR of 8.5% during the forecast period.

By Material Type, the Polyurethane segment is expected to constitute a CAGR of 8.5% in 2033.

On the basis of End-Use, the automotive sector segment is expected to dominate the market with a CAGR of 8.6% in 2033.

From 2023 to 2033, the electronics adhesives market is expected to flourish at a CAGR of 9.0%.

By 2033, the market value of electronic adhesives is expected to reach US\$ 12.1 billion.

“Technological advancements in adhesive formulations across the globe are a major factor that is expected to propel the growth of the electronics adhesives market in the near future.”- Says Nikhil Kaitwade, Associate Vice President at Future Market Insights.

### Key Market Players:

Prominent players in the Electronics Adhesives market are

3M  
Dymax Corporation  
DOW Chemical Company  
Henkel AG & Co. KGaA  
B. Fuller Company (Royal Adhesives & Sealants LLC)  
Evonik Industries AG  
Sika AG, Bostik AG  
ThreeBond  
Shin Etsu Silicones  
Konishi Co, LTD.  
TERAOKA SEISAKUSHO CO., LTD.  
TOMOEGAWA  
YAMATO Co., Ltd.

#### Recent Developments:

In 2021, H.B. Fuller announced the development of a new generation of UV-curable adhesives for electronics assembly. These adhesives offer rapid curing, high bond strength, and enhanced environmental resistance, enabling efficient production processes and improved product performance.

In 2021, Henkel launched a new series of electrically conductive adhesives (ECAs) for automotive electronics applications. These adhesives provide reliable electrical conductivity, excellent adhesion to various substrates, and resistance to harsh automotive environments.

In 2020, 3M launched a new series of thermally conductive adhesives designed for bonding and dissipating heat in electronic devices. These adhesives provide efficient thermal management, enabling improved performance and reliability of electronic components.

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#### Market Segmentation

##### By Material Type:

Polyurethane  
Acrylics  
Silicones  
Epoxy

##### By Application:

Thermal Management  
Gap Fillers  
Thermal Conductivity Solutions  
Thermal Conductivity Insulators  
Gap Pads  
Conformal Coatings  
Encapsulation  
Surface Mounting  
Wire Tacking  
Soldering  
Underfills  
Sealing  
Constructional

By End Use:

Mobiles and Telecommunication Devices  
Desktops and Networks  
Televisions  
Home Appliances  
Automotive Electronics  
Aerospace Electronics  
Analytical & Measurement Instruments  
Other Industrial

Explore FMI's Extensive Ongoing Coverage on Chemicals & Materials Domain

[Industrial Adhesives Market Size](#): Global industrial adhesive sales are projected to grow at a 4.4% Compound Annual Growth Rate (CAGR), increasing to reach US\$ 85,786.4 million by the close of 2033.

[Hot Melt Adhesives Market Share](#): Global demand for hot melt adhesives is expected to register a CAGR of 5.3% by accumulating a market value of US\$ 12,675.5 Million.

About Future Market Insights (FMI)

Future Market Insights, Inc. (ESOMAR certified, recipient of the Stevie Award, and a member of the Greater New York Chamber of Commerce) offers profound insights into the driving factors that are boosting demand in the market. FMI stands as the leading global provider of market intelligence, advisory services, consulting, and events for the Packaging, Food and Beverage, Consumer Technology, Healthcare, Industrial, and Chemicals markets. With a vast team of over 5000 analysts worldwide, FMI provides global, regional, and local expertise on diverse domains and industry trends across more than 110 countries.

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