

Electrical And Electronic Adhesive Market Size, Share & Trends Analysis Report By Product (Thermal Conductive, Electrically Conductive), By Application (Surface-mount Devices), By Region, And Segment Forecasts, 2025 - 2030

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Abstracts

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Electrical And Electronic Adhesive Market Growth & Trends

The global electrical and electronic adhesive market size is expected to reach USD 9.93 billion by 2030, exhibiting a CAGR of 8.0% from 2025 to 2030, according to a new report by Grand View Research, Inc. Rising demand for electronic devices and appliances supported by increasing middle-class income levels is driving the demand for the adhesives.

The demand for devices and equipment with high reliability and functionality is increasing owing to the advancement in IoT and the growth of smartphone and automotive sectors. These electronic devices account for a huge demand for adhesive products owing to the expansion of automotive, consumer appliances, medical, and aerospace industries.

The industry faces various challenges due to the improvements and advancements in technology. Shorter leads can damage temperature-sensitive components in different applications. To reduce such problems these components must be assembled after soldering. However, this hampers productivity due to higher cost and time required to be invested in manufacturing process.

Stringent regulations on volatile organic compounds (VOCs) are expected to hamper the market growth over the coming years. The manufacturing process of electrical & electronics adhesives releases VOC emissions that may pose health and environmental concerns. VOCs are the major contributors to smog and ozone formation at low

atmospheric level. They react with nitrogen oxide in presence of sunlight (photochemical reaction).

Smog pollution reduces visibility under certain climatic conditions. Regulating the emission of VOCs helps lighten ozone and smog pollution problems. Key market players are investing heavily in manufacturing products that use bio-based feedstock. This is anticipated to drive the demand for new materials and resins used in manufacturing the adhesives.

Asia Pacific is a leading producer and consumer of adhesive products, with China being the key country driving the market growth. Countries such as India and Japan are observing increased production output. The Government of India has issued a National Policy of Electronics to boost the growth of electrical & electronics sector. As per the policy, the sector is expected to be valued at around USD 400 billion by 2025. Broadband wireless connectivity in vehicles has gained popularity in various parts of the world. Various services such as GPS, infotainment, traffic & weather information, and others are increasingly being used in vehicles. Competitive pressure along with rising consumer demand has forced automakers to integrate these technologies into vehicles. This is anticipated to create a positive impact on the growth of the market for electrical & electronics adhesive.

Electrical And Electronic Adhesive Market Report Highlights

In terms of revenue, electrically conductive adhesives dominated the global electrical & electronics adhesives industry with the highest revenue share of 38.6% in 2024.

The surface-mount devices led the market and accounted for the largest revenue share of 42.2% in 2024. This growth can be attributed to the rising trend of miniaturization in electronics drives, which require proper adhesion in compact designs.

The Asia-Pacific electrical and electronics adhesives market dominated the global market and accounted of the largest revenue share of 52.6% in 2024, primarily driven by its extensive electronics production, particularly in China, South Korea, and Taiwan.

Electrical & electronic adhesive market participants are looking for mergers & acquisitions and expansion of production capacities. For instance, Chemence, Inc., a U.S.-based company, acquired electronics adhesive business of Supreme Resources in 2018.

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