

Hybrid Adhesives & Sealants Market by Resin Type (MS Polymer Hybrid, Epoxy-Polyurethane, Epoxy-Cyanoacrylate, and Others), End Use Industry (Building and Construction, Transportation, Electronics, and Others), and Region 2023-2028

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Abstracts

Market Overview:

The global hybrid adhesives & sealants market size reached US\$ 9.59 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 16.06 Billion by 2028, exhibiting a growth rate (CAGR) of 8.88% during 2023-2028. Increasing demand from a wide range of end-use industries, continual technological advancements in the production of high-performance product variants, and the rising number of construction and infrastructure development projects represent some of the key factors driving the market.

Hybrid adhesives & sealants refer to a group of versatile resins that are developed by combining two or more polymer resins, that consists of positive characteristics of both the resin types. These products are synthesized by using a combination of silicone and polyurethane technologies, primarily consisting of epoxy, silyl-modified urethane, acrylic, and silyl-modified polyether. They are characterized by superior bonding and sealing properties, enhanced durability, and improved resistance to temperature, chemicals, and moisture. These adhesives and sealants are eco-friendly and have very low volatile organic compound (VOC) emissions. They also have an extended shelf life of twelve months, making them easy to store and use. With hybrid adhesives and sealants, high-performance bonds are possible between different substrates without the use of personal protective equipment or environmental protection equipment and with short curing times and one product application.



Hybrid Adhesives & Sealants Market Trends:

The global market is primarily driven by the escalating demand from a wide range of end-use industries, such as automotive, construction, and aerospace. This can be attributed to the increasing number of applications requiring products with high durability and resistance to temperature, chemicals, and moisture. In line with this, the growing need for environmentally friendly and sustainable resin products with low volatile organic compound (VOC) emissions for numerous industrial applications is resulting in a higher product uptake. Moreover, the continual technological advancements leading to the development of high-performance hybrid adhesives and sealants with permanent bonding and sealing capabilities are impacting the market positively. Additionally, considerable growth in construction and infrastructure development projects on the global level is creating a positive outlook for the market. The market is further fueled by the rapid utilization of lightweight materials and composites in the medical industry for surgical bonding, wound closure, and dental restoration applications. Apart from this, the expanding semiconductor industry requiring high-performance adhesives for bonding and sealing of small electronic components is also creating lucrative opportunities in the market. Furthermore, the growing product utilization in the renewable energy industry for manufacturing of solar panels, wind turbines, and battery systems is providing an impetus to the market. Some of the other factors contributing to the market include the increasing demand for industrial-grade adhesives in the marine and offshore industry, rapid industrialization, and extensive research and development (R&D) activities conducted by the key players.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each segment of the global hybrid adhesives & sealants market, along with forecasts at the global, regional, and country level from 2023-2028. Our report has categorized the market based on resin type and end use industry.

Resin Type Insights

MS Polymer Hybrid Epoxy-Polyurethane Epoxy-Cyanoacrylate Others



The report has provided a detailed breakup and analysis of the hybrid adhesives & sealants market based on the resin type. This includes MS polymer hybrid, epoxy-polyurethane, epoxy-cyanoacrylate, and others. According to the report, MS polymer hybrid represented the largest segment.

End Use Industry Insights

Building and Construction
Transportation
Electronics
Others

A detailed breakup and analysis of the hybrid adhesives & sealants market based on the end use industry has also been provided in the report. This includes building and construction, transportation, electronics, and others. According to the report, building and construction accounted for the largest market share.

Regional Insights:

North America

United States
Canada

Asia Pacific

China
Japan
India
South Korea
Australia
Indonesia
Others

Europe

Germany



France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

The report has also provided a comprehensive analysis of all the major regional markets that include North America (the United States and Canada); Asia Pacific (China, Japan, India, South Korea, Australia, Indonesia, and others); Europe (Germany, France, the United Kingdom, Italy, Spain, Russia, and others); Latin America (Brazil, Mexico, and others); and Middle East and Africa. According to the report, Asia-Pacific was the largest market for hybrid adhesives & sealants. Some of the factors driving the Asia-Pacific hybrid adhesives & sealants market include the growing construction industry, presence of several key players, rapid urbanization, etc.

Competitive Landscape

The report has also provided a comprehensive analysis of the competitive landscape in the global hybrid adhesives & sealants market. Detailed profiles of all major companies have also been provided. Some of the companies covered include 3M Company, American Sealants Inc. (Meridian Adhesives Group LLC), Bostik (Arkema S.A), DL Chemical Co. Ltd. (DL Holdings Co. Ltd.), Henkel AG & Co. KGaA, Hermann Otto GmbH, Mapei S.p.A., McCoy Soudal Sealants Adhesives & Foams Pvt. Ltd., Permabond LLC, Sika Corporation (Sika AG), The Sherwin-Williams Company, Tremco illbruck (RPM International Inc.), Wacker Chemie AG, etc. Kindly note that this only represents a partial list of companies, and the complete list has been provided in the report.

Key Questions Answered in This Report:



How has the global hybrid adhesives & sealants market performed so far and how will it perform in the coming years?

What are the drivers, restraints, and opportunities in the global hybrid adhesives & sealants market?

What are the key regional markets?

Which countries represent the most attractive hybrid adhesives & sealants markets? What is the breakup of the market based on the resin type?

What is the breakup of the market based on the end use industry?

What is the competitive structure of the global hybrid adhesives & sealants market? Who are the key players/companies in the global hybrid adhesives & sealants market?



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