

# Epoxy Resin Market to Observe Prominent CAGR Growth of 6.5% ,Size, Share, Trends, Strategies and Revenue Assessments

*Epoxy resins are versatile and widely used synthetic polymers known for their excellent adhesive, coating, and composite material properties.*

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/EINPresswire.com/ -- The [epoxy resin industry](#) is a significant sector of the global chemicals and materials industry. Epoxy resins are versatile and widely used synthetic polymers known for their excellent adhesive, coating, and composite material properties. They are used in various applications across multiple industries, including construction, automotive, electronics, aerospace, marine, and more.



Epoxy Resin Market Industry

The global epoxy resin market was estimated at \$8.9 billion in 2020 and is expected to hit \$16.6 billion by 2030, registering a CAGR of 6.5% from 2021 to 2030. The report provides an in-depth analysis of the top investment pockets, top winning strategies, drivers & opportunities, market size & estimations, competitive scenario, and varying market trends.

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**Production and Types:** Epoxy resins are typically produced by the reaction of epichlorohydrin and bisphenol-A. They come in various types, including liquid epoxy resins, solid epoxy resins, and epoxy resin solutions. The choice of epoxy resin type depends on the intended application.

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- **Adhesives:** Epoxy resins are used in the formulation of high-performance adhesives for bonding various materials, such as metals, plastics, and composites.

- Coatings: Epoxy coatings provide protection for surfaces against corrosion, chemicals, and abrasion. They are commonly used in the construction industry, including for flooring, industrial equipment, and pipelines.
- Composite Materials: Epoxy resins are essential in the manufacturing of composite materials, such as fiberglass and carbon fiber reinforced composites, which are used in aerospace, automotive, and sports equipment.
- Electronics: Epoxy resins are used in the production of electronic components and circuit boards, providing insulation and protection.

The global epoxy resin market is analyzed across form, type, application, end-user industry, and region. Based on form, the liquid segment contributed to around three-fifths of the total market revenue in 2020, and is projected to lead the trail by 2030. The solid segment, on the other hand, would exhibit the fastest CAGR of 7.2% during the forecast period.

Market Drivers: The epoxy resin industry has experienced steady growth over the years, driven by demand from various end-user industries. Factors contributing to this growth include increased construction activities, the automotive industry's focus on lightweight materials, and the growing use of composites in aerospace and wind energy applications.

Environmental and Health Concerns: Epoxy resins can have environmental and health concerns, as some formulations contain harmful chemicals. Efforts have been made to develop eco-friendly epoxy resin formulations and improve recycling methods.

By application, the paints & coatings segment accounted for more than one-fourth of the total market revenue in 2020, and is expected to dominate by 2030. The adhesive & sealants segment, however, would showcase the fastest CAGR of 7.4% throughout the forecast period.

Regulations and Standards: There are regulations and standards in place to govern the use and handling of epoxy resins, especially concerning workplace safety and environmental impact. It's important for manufacturers to adhere to these regulations.

Key Players: The epoxy resin industry is highly competitive, with many global and regional players. Some prominent companies in the industry include Hexion Inc., Olin Corporation, Huntsman Corporation, Aditya Birla Chemicals, and BASF SE.

Based on region, the market across Asia-Pacific held the major share in 2020, garnering around half of the global market. The LAMEA region, simultaneously, would manifest the fastest CAGR of 8.6% throughout the forecast period.

Research and Development: Research and development efforts continue to drive innovations in epoxy resin technology. This includes the development of new epoxy formulations, such as water-based and bio-based epoxies, which aim to reduce environmental impact.

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The key market players analyzed in the global epoxy resin market report include BASF SE, Dow, Inc, Hexion, Huntsman Corporation, LLC, Kukdo Chemicals Co., Ltd, Nan Ya Plastics Corporation, Atul Ltd, Olin Corporation, Techstorm Advanced Materials, and Solvay SA. These market players have adhered to several strategies including partnership, expansion, collaboration, joint ventures, and others to prove their flair in the industry.

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