

Global Epoxy Resins Market to Hit USD 18.52 billion by 2034, Driven by Growing Demand in Automotive, and Transportation

Get insights into the world epoxy resins market, fueled by automotive, transportation, and construction demand, with major trends, uses, and drivers of growth.

NEW YORK CITY, NY, UNITED STATES, October 7, 2025 /EINPresswire.com/ -- 全球环氧树脂市场规模将创历史新高，预计到2034年将达到185.2亿美元。这一增长主要受到汽车、交通运输和建筑需求的推动。环氧树脂是一种热固性聚合物，以其强大的粘合性能、化学稳定性和耐用性而闻名。它在汽车和建筑等行业找到重要应用。其制造过程涉及环氧化合物与固化剂的反应。通常用于涂层、电子和复合材料，环氧树脂提供优异的机械强度和环境保护。其卓越的粘合性、化学稳定性和耐用性使它们非常适合工厂、炼油厂、桥梁和海洋结构等恶劣条件。此外，全球环氧树脂市场规模在2024年为105.6亿美元，预计将以5.8%的复合年增长率（CAGR）从2025年到2034年增长。环氧树脂是一种热固性聚合物，以其强大的粘合性能、化学稳定性和耐用性而闻名。它在汽车和建筑等行业找到重要应用。其制造过程涉及环氧化合物与固化剂的反应。通常用于涂层、电子和复合材料，环氧树脂提供优异的机械强度和环境保护。其卓越的粘合性、化学稳定性和耐用性使它们非常适合工厂、炼油厂、桥梁和海洋结构等恶劣条件。

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Fuelled by demand growth in construction, automotive, and electronics, the epoxy resins market is transforming fast, with innovation, sustainability, and flexibility at the forefront.”

Polaris Market Research

The global [epoxy resins market size](#) was USD 10.56 billion in 2024, and it is expected to rise at a CAGR of 5.8% from 2025 to 2034. Epoxy resin is a thermosetting polymer known for its strong adhesive properties, chemical resistance, and durability. This high-performance material finds significant applications in the automotive and construction industries. Its manufacturing process involves the reaction of epoxide compounds with hardeners. Commonly used in coatings, electronics, and composites, epoxy resins provide excellent mechanical strength and

environmental protection. Their superior adhesion, chemical resistance, and durability make them suitable for adverse conditions in factories, oil refineries, bridges, and marine structures, among others.

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全球环氧树脂市场规模将创历史新高，预计到2034年将达到185.2亿美元。这一增长主要受到汽车、交通运输和建筑需求的推动。

- Epoxy resins are functional materials that have important applications in industries such as automotive and transportation, construction, and electrical and electronics. The growth of these industries in different countries bolsters the market.
- The DGBEA segment is anticipated to record a CAGR of 5.4% during the forecast period, driven by its adaptability and broad spectrum of applications.

- Among all major applications, the construction segment accounted for a notable 7.42% share of the total market revenue in 2024. The durability, chemical resistance, and strong bonding properties make epoxy resins an important component of flooring, industrial coatings, and sealants used in this industry.
- Asia Pacific dominated the global epoxy resins market in 2024, contributing 64.70% of the revenue share, primarily attributed to rapid industrial and urban growth.
- The market in North America is projected to progress at a CAGR of 4.8% throughout the forecast period. The projected growth can be attributed to the rising demand for this material in robust aerospace, automotive, and construction applications.

Epoxy Resins Market

Epoxy resin is a type of thermosetting polymer known for its strong adhesive properties, chemical resistance, and durability.

KEY INSIGHTS

- DGBEA segment grows steadily
- Construction sector drives demand
- High use in coatings and sealants
- Asia Pacific leads global share



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Epoxy Resins Market

Global epoxy resins market size, by region, 2024-2030

According to the International Organization of Motor Vehicle Manufacturers, the global manufacturing volume of commercial vehicles touched ~24.83 million in 2024. Consistent growth in the automotive and transportation sectors results in an elevated demand for epoxy resins. They are used as additives in lightweight composite materials that help reduce vehicle weight and improve fuel efficiency. Their ability to provide high strength-to-weight ratios makes them ideal for use in automotive structural parts, panels, and bonding components. They also form an essential part of coatings that protect vehicle surfaces from corrosion, wear, and chemical damage.

Construction businesses continually seek high-performance materials that can withstand heavy loads, moisture, and temperature fluctuations as infrastructure development accelerates worldwide, particularly in developing regions. With their durability, chemical resistance, and strong bonding properties, epoxy resins are widely used in flooring, coatings, sealants, and adhesives in this industry.

Global epoxy resins market size, by application, 2024-2030

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The DGBEA segment is projected to grow at a high CAGR over the forecast period, driven by its versatility and wide-ranging applications. Good mechanical strength, chemical resistance, and adhesive properties make DGBEA epoxy resins ideal for coatings, adhesives, electronics, and

composites. Their relatively low costs and ease of processing also add value to their applications.

paints and coatings market

The paints & coatings segment held a 41.22% revenue share in 2024. Epoxy resins are used as additives into coatings to protect surfaces from moisture, chemicals, and physical wear and tear. Moreover, stringent environmental regulations push industries to adopt epoxy-based low-VOC and high-solids coatings for various applications.

Asia Pacific epoxy resins market

Asia Pacific:

Asia Pacific accounted for 64.70% of the epoxy resins market in 2024. Its dominance is mainly attributed to rapid growth of industrial and urban centers. India, South Korea, and Southeast Asian nations are investing proactively in infrastructure, construction, and manufacturing, which significantly boosts demand for epoxy-based paints, coatings, and adhesives. Additionally, flourishing automotive, electronics, and wind energy sectors fuel consumption of these materials. China is a key contributor to the Asia Pacific epoxy resins industry.

North America:

The market in North America is expected to register a CAGR of 4.8% from 2025 to 2034. The well-established aerospace, automotive, and construction industries, as well as the push toward sustainable building materials and energy-efficient infrastructure, are the primary factors driving market growth in this region. Epoxy resins are widely used in advanced composites, high-performance coatings and adhesives, and lightweight and durable components used in these sectors. The US is a prominent contributor to the North America epoxy resins market.

Market competition

The epoxy resin industry has a highly competitive market landscape, with the presence of global and regional players. These companies are competing on the basis of innovation, strategic partnerships, and expansion. Leading firms are investing in research and development to address evolving customer needs while expanding into new geographies and markets to broaden their customer base. Sustainability is gradually becoming a key differentiator, encouraging firms to focus on bio-based or low-VOC formulations.

Key players

- 3M Company: The company provides [epoxy adhesives](#) that use epoxies with shear strength and durability.

- Aditya Birla Chemicals Ltd. (ABC): It provides epoxy resins with superior adhesion and bonding; high stiffness and toughness; high thermal, chemical, and corrosion resistance; robust load-bearing capacity.
- Arkema S.A.: Its Coating Resins product line features an extensive range of products for coatings, adhesives, inks, and construction products markets.
- Atul Ltd.: The company offers high-performance epoxy systems for adhesives, coatings, composites, construction, and electrical and electronics industries.
- BASF SE: Its Dispersions & Resins division offers high-quality acrylic binders, polymer emulsions, resins, and additives for adhesives, coatings (including architectural, automotive, construction, industrial, wood, and paper applications), and printing and packaging applications.
- Covestro AG: Its Blendur system can be used to produce composites for high-temperature applications in the aerospace, railways, automotive, and electrical and electronics industries.
- Cytec Solvay Industries: Solvay offers a diverse range of products for the aerospace and industrial materials, mining, and plastics industries, which perform specific and important functions.
- DOLDER MASSARA S.R.L.: LEUNA-HARZE GmbH is a specialty chemicals manufacturing company of Dolder AG.
- E.I. du Pont de Nemours and Company: DuPont offers various epoxy-based adhesives with desirable peel strength as well as chemical and heat resistance.
- Evonik Industries AG: Evonik offers epoxy resin composite systems to enable the production of lightweight and high-performance composites.
- Huntsman Corporation: The company's portfolio of adhesives, composites, and formulation products addresses the specific needs of customers across various industries and consumer applications.
- Jiangsu Sanmu Group Co., Ltd.: The company specializes in the R&D, manufacturing, and sales of synthetic resins, fine chemicals, solvents, and coating components.
- Jubail Chemical Industries Company: This Saudi company produces a range of epoxy resins in liquid, solution and solid forms.
- Kukdo Chemical Co., Ltd.: It offers epoxy resin varieties for applications such as marine paints,

heavy-duty coatings, [powder coatings](#), transport equipment materials, and packaging materials.

- Momentive Performance Material (MPM) Holding LLC: It is an indirect wholly owned subsidiary of KCC Corporation, which is known for its expanded portfolio of coatings and advanced materials.
- Nan Ya Plastics Corporation: Its resins exhibit excellent electrical and mechanical properties, water and chemical resistance, and adhesive properties toward metals, woods, concrete, ceramic, and glass.
- Olin Corporation: Olin Epoxy Systems, a global manufacturer and distributor of chemical products, offers epoxy resins in both solid and liquid forms.
- Sika AG: Sika Advanced Resins is a world-leading company that engages in developing and supplying high-performance epoxy and polyurethane resins for the tooling and composite materials industry.
- Sinopec Bailing Petrochemical Company, Ltd.: The company's epoxy resin product line includes both solid and liquid variants, among others.
- SIR INDUSTRIALE S.p.A: It is a pioneer company in the Italian resin industry, and its main epoxy systems include Eposir and Eponac.

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- In March 2025, BASF and Sika launched a new epoxy hardener, named Baxxodur EC 151, specifically designed for use in flooring coatings. The product delivers high gloss, fast curing, low VOC emissions, and enhanced durability, supporting sustainability and performance in industrial and commercial flooring applications.
- In August 2025, DIC Corporation announced the construction of a new epoxy resins facility at its Chiba Plant to meet the rising demand for semiconductors. Approved by METI, the project secured up to billions in subsidies and aimed to boost production by 59%.

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- DGBEA
- DGBEF
- Novolac
- Aliphatic
- Glycidylamine

- Hardener

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- Paints & Coatings
- Wind Turbine
- Composites
- Construction
- Electrical & Electronics
- Adhesives
- Others

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- North America
 - o US
 - o Canada
- Europe
 - o Germany
 - o France
 - o UK
 - o Italy
 - o Spain
 - o Netherlands
 - o Russia
 - o Rest of Europe
- Asia Pacific
 - o China
 - o Japan
 - o India
 - o Malaysia
 - o South Korea
 - o Indonesia
 - o Australia
 - o Vietnam
 - o Rest of Asia Pacific
- Middle East & Africa
 - o Saudi Arabia
 - o UAE
 - o Israel
 - o South Africa
 - o Rest of Middle East & Africa
- Latin America
 - o Mexico
 - o Brazil

- o Argentina
- o Rest of Latin America

Q. How is the market projected to grow over the forecast period?

Q. What was the market valued at in 2024 and what is the projected value for 2034?

Ans: The market was valued at USD 10.56 billion in 2024 and is projected to be worth USD 18.52 billion in 2034.

Q. What is the estimated CAGR of the market over the forecast period?

Ans: The market is estimated to grow at a CAGR of 5.8% over the forecast period.

Q. Which region accounted for the largest regional market size in 2024?

Ans: Asia Pacific accounted for the largest regional market size in 2024.

Q. Who are some of the key players in the market?

Ans: A few of the key players in the market are 3M Company; Aditya Birla Chemicals Ltd. (ABC); Arkema S.A.; Atul Ltd.; BASF SE; Covestro AG; Cytec Solvay Industries; DOLDER MASSARA S.R.L.; E.I. du Pont de Nemours and Company; Evonik Industries AG; Huntsman Corporation; Jiangsu Sanmu Group Co., Ltd.; Jubail Chemical Industries Company; Kukdo Chemical Co., Ltd.; Momentive Performance Material (MPM) Holding LLC; Nan Ya Plastics Corporation; Olin Corporation; Sika AG; Sinopec Bailing Petrochemical Company, Ltd.; SIR INDUSTRIALE S.p.A.

Q. Which segment accounted for the largest revenue share in 2024?

Ans: The DGBEA (bisphenol A diglycidyl ether) segment accounted for the largest revenue share in 2024.

Q. What insights does the report offer regarding the epoxy resins market?

This report offers clear insights into the growth of the epoxy resins market, including major trends and challenges. It helps you identify opportunities, understand regional patterns, and track major players, enabling smarter business decisions and more effective strategic planning.

Q. How can your market research assist in business decision-making?

Ans: We provide accurate and trustworthy market research to assist you in making informed choices. Our tailored solutions are designed to meet your specific business needs.

Thank you for going through our report on the epoxy resins market. For more in-depth analysis, we present chapter-wise and country-wise reports with detailed analysis of key markets such as North America, Europe, and Asia Pacific to aid your strategic decisions.

At Polaris Market Research, we provide actionable market intelligence that guides businesses through industry transformations, identifies emerging opportunities, and makes informed decisions. With the combination of robust data and a keen appreciation for market trends, we

empower businesses to overcome obstacles, refine their strategies, and stay competitive. Our goal is to deliver insightful reports that contribute to growth and success in an ever-changing market.

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