

Flexible Epoxy Resin Market Report and Forecast 2025-2034

Market Report | 2025-07-28 | 153 pages | EMR Inc.

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Report description:

The global flexible epoxy resin market attained a value of above USD 672.50 Billion in 2024. The market is further expected to grow in the forecast period of 2025-2034 at a CAGR of 6.70% to reach more than USD 1286.28 Billion by 2034.

Rising Demand for Rubber Modified Epoxy Resin to Bolster the Growth of the Flexible Epoxy Resin Industry

Based on type, the rubber modified segment accounts for a significant share in the market and is anticipated to witness a considerable growth in the forecast period. Rubber modified epoxy resins are tough and are widely utilised in industrial applications, which is propelling the market growth. The growing use of rubber modified epoxy resins as an adhesive in the building and construction industry owing to its favourable mechanical properties is likely to bolster the growth of this segment.

The Asia Pacific Accounts for a Significant Share in the Market for Flexible Epoxy Resin

The market for flexible epoxy resin in the Asia Pacific is being driven by the thriving automotive industry in India, China, Japan, and South Korea, among others. The growing preference towards the use of lightweight composite materials by automobile manufacturers to bolster the design and flexibility of vehicles is propelling the market growth. The demand for the product is anticipated to further be propelled by the rising cases of vehicular accidents owing to traffic congestions. As flexible epoxy resin reduces the vehicular weight while enhancing the strength of the vehicle, its demand to safeguard passengers in case of accidents is surging. The market in the region is projected to be further aided by the growing expansion of the major epoxy resin manufacturers in the region, which is predicted to significantly contribute to the market expansion in the forecast period.

Flexible Epoxy Resin Market Segmentation

Flexible epoxy resin is defined as a flexible resin that is procured by the copolymerisation of an epoxide with another compound

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having two hydroxyl groups. It is a type of reactive prepolymer and is generally used in the coatings and adhesives industries.

Based on type, the market is segmented into:

- Urethane Modified
- Rubber Modified
- Dimmer Acid Modified

The significant applications of flexible epoxy resin include:

- Electrical and Electronics
- Adhesives
- Composites
- Paints and Coatings
- Others

The EMR report looks into the regional markets of flexible epoxy resin like:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Rising Applications of Flexible Epoxy Resins in Various End-Use Sectors to Boost the Market Growth

The global market for flexible epoxy resin is being driven by the rising applications of the product in the paints and coatings industry. This can be attributed to the rising demand for paints and coatings in the building and construction, automotive, power generation and electrical and electronics sectors. Among these sectors, the building and construction sector accounts for a considerable share. As epoxy resins offer stronger mechanical performance and have high tensile and flexural strength, it is extensively deployed in the construction and building industry to keep a structure intact, which is propelling the market growth. Over the forecast period, the growing urbanisation and infrastructure development are likely to augment the market growth.

Key Industry Players in the Global Flexible Epoxy Resin Market

The report gives a detailed analysis of the following key players in the global flexible epoxy resin market, covering their competitive landscape, capacity, and latest developments like mergers, acquisitions, and investments, expansions of capacity, and plant turnarounds:

- Conren Limited
- DIC Corporation
- The Dow Chemical Company
- EPOXONIC GmbH
- Hexion Inc.
- Others

The comprehensive EMR report provides an in-depth assessment of the market based on the Porter's five forces model along with

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giving a SWOT analysis.

Table of Contents:

- 1 Executive Summary
 - 1.1 Market Size 2024-2025
 - 1.2 Market Growth 2025(F)-2034(F)
 - 1.3 Key Demand Drivers
 - 1.4 Key Players and Competitive Structure
 - 1.5 Industry Best Practices
 - 1.6 Recent Trends and Developments
 - 1.7 Industry Outlook
- 2 Market Overview and Stakeholder Insights
 - 2.1 Market Trends
 - 2.2 Key Verticals
 - 2.3 Key Regions
 - 2.4 Supplier Power
 - 2.5 Buyer Power
 - 2.6 Key Market Opportunities and Risks
 - 2.7 Key Initiatives by Stakeholders
- 3 Economic Summary
 - 3.1 GDP Outlook
 - 3.2 GDP Per Capita Growth
 - 3.3 Inflation Trends
 - 3.4 Democracy Index
 - 3.5 Gross Public Debt Ratios
 - 3.6 Balance of Payment (BoP) Position
 - 3.7 Population Outlook
 - 3.8 Urbanisation Trends
- 4 Country Risk Profiles
 - 4.1 Country Risk
 - 4.2 Business Climate
- 5 Global Flexible Epoxy Resin Market Analysis
 - 5.1 Key Industry Highlights
 - 5.2 Global Flexible Epoxy Resin Historical Market (2018-2024)
 - 5.3 Global Flexible Epoxy Resin Market Forecast (2025-2034)
 - 5.4 Global Flexible Epoxy Resin Market by Type
 - 5.4.1 Urethane Modified
 - 5.4.1.1 Market Share
 - 5.4.1.2 Historical Trend (2018-2024)
 - 5.4.1.3 Forecast Trend (2025-2034)
 - 5.4.2 Rubber Modified
 - 5.4.2.1 Market Share
 - 5.4.2.2 Historical Trend (2018-2024)
 - 5.4.2.3 Forecast Trend (2025-2034)
 - 5.4.3 Dimmer Acid Modified

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- 5.4.3.1 Market Share
- 5.4.3.2 Historical Trend (2018-2024)
- 5.4.3.3 Forecast Trend (2025-2034)
- 5.5 Global Flexible Epoxy Resin Market by Application
 - 5.5.1 Electrical and Electronics
 - 5.5.1.1 Market Share
 - 5.5.1.2 Historical Trend (2018-2024)
 - 5.5.1.3 Forecast Trend (2025-2034)
 - 5.5.2 Adhesives
 - 5.5.2.1 Market Share
 - 5.5.2.2 Historical Trend (2018-2024)
 - 5.5.2.3 Forecast Trend (2025-2034)
 - 5.5.3 Composites
 - 5.5.3.1 Market Share
 - 5.5.3.2 Historical Trend (2018-2024)
 - 5.5.3.3 Forecast Trend (2025-2034)
 - 5.5.4 Paints and Coatings
 - 5.5.4.1 Market Share
 - 5.5.4.2 Historical Trend (2018-2024)
 - 5.5.4.3 Forecast Trend (2025-2034)
 - 5.5.5 Others
- 5.6 Global Flexible Epoxy Resin Market by Region
 - 5.6.1 North America
 - 5.6.1.1 Market Share
 - 5.6.1.2 Historical Trend (2018-2024)
 - 5.6.1.3 Forecast Trend (2025-2034)
 - 5.6.2 Europe
 - 5.6.2.1 Market Share
 - 5.6.2.2 Historical Trend (2018-2024)
 - 5.6.2.3 Forecast Trend (2025-2034)
 - 5.6.3 Asia Pacific
 - 5.6.3.1 Market Share
 - 5.6.3.2 Historical Trend (2018-2024)
 - 5.6.3.3 Forecast Trend (2025-2034)
 - 5.6.4 Latin America
 - 5.6.4.1 Market Share
 - 5.6.4.2 Historical Trend (2018-2024)
 - 5.6.4.3 Forecast Trend (2025-2034)
 - 5.6.5 Middle East and Africa
 - 5.6.5.1 Market Share
 - 5.6.5.2 Historical Trend (2018-2024)
 - 5.6.5.3 Forecast Trend (2025-2034)
- 6 North America Flexible Epoxy Resin Market Analysis
 - 6.1 United States of America
 - 6.1.1 Market Share
 - 6.1.2 Historical Trend (2018-2024)
 - 6.1.3 Forecast Trend (2025-2034)

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- 6.2 Canada
 - 6.2.1 Market Share
 - 6.2.2 Historical Trend (2018-2024)
 - 6.2.3 Forecast Trend (2025-2034)
- 7 Europe Flexible Epoxy Resin Market Analysis
 - 7.1 United Kingdom
 - 7.1.1 Market Share
 - 7.1.2 Historical Trend (2018-2024)
 - 7.1.3 Forecast Trend (2025-2034)
 - 7.2 Germany
 - 7.2.1 Market Share
 - 7.2.2 Historical Trend (2018-2024)
 - 7.2.3 Forecast Trend (2025-2034)
 - 7.3 France
 - 7.3.1 Market Share
 - 7.3.2 Historical Trend (2018-2024)
 - 7.3.3 Forecast Trend (2025-2034)
 - 7.4 Italy
 - 7.4.1 Market Share
 - 7.4.2 Historical Trend (2018-2024)
 - 7.4.3 Forecast Trend (2025-2034)
 - 7.5 Others
- 8 Asia Pacific Flexible Epoxy Resin Market Analysis
 - 8.1 China
 - 8.1.1 Market Share
 - 8.1.2 Historical Trend (2018-2024)
 - 8.1.3 Forecast Trend (2025-2034)
 - 8.2 Japan
 - 8.2.1 Market Share
 - 8.2.2 Historical Trend (2018-2024)
 - 8.2.3 Forecast Trend (2025-2034)
 - 8.3 India
 - 8.3.1 Market Share
 - 8.3.2 Historical Trend (2018-2024)
 - 8.3.3 Forecast Trend (2025-2034)
 - 8.4 ASEAN
 - 8.4.1 Market Share
 - 8.4.2 Historical Trend (2018-2024)
 - 8.4.3 Forecast Trend (2025-2034)
 - 8.5 Australia
 - 8.5.1 Market Share
 - 8.5.2 Historical Trend (2018-2024)
 - 8.5.3 Forecast Trend (2025-2034)
 - 8.6 Others
- 9 Latin America Flexible Epoxy Resin Market Analysis
 - 9.1 Brazil
 - 9.1.1 Market Share

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- 9.1.2 Historical Trend (2018-2024)
- 9.1.3 Forecast Trend (2025-2034)
- 9.2 Argentina
 - 9.2.1 Market Share
 - 9.2.2 Historical Trend (2018-2024)
 - 9.2.3 Forecast Trend (2025-2034)
- 9.3 Mexico
 - 9.3.1 Market Share
 - 9.3.2 Historical Trend (2018-2024)
 - 9.3.3 Forecast Trend (2025-2034)
- 9.4 Others
- 10 Middle East and Africa Flexible Epoxy Resin Market Analysis
 - 10.1 Saudi Arabia
 - 10.1.1 Market Share
 - 10.1.2 Historical Trend (2018-2024)
 - 10.1.3 Forecast Trend (2025-2034)
 - 10.2 United Arab Emirates
 - 10.2.1 Market Share
 - 10.2.2 Historical Trend (2018-2024)
 - 10.2.3 Forecast Trend (2025-2034)
 - 10.3 Nigeria
 - 10.3.1 Market Share
 - 10.3.2 Historical Trend (2018-2024)
 - 10.3.3 Forecast Trend (2025-2034)
 - 10.4 South Africa
 - 10.4.1 Market Share
 - 10.4.2 Historical Trend (2018-2024)
 - 10.4.3 Forecast Trend (2025-2034)
 - 10.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyer's Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Competitive Landscape
 - 13.1 Supplier Selection
 - 13.2 Key Global Players

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- 13.3 Key Regional Players
- 13.4 Key Player Strategies
- 13.5 Company Profiles
 - 13.5.1 Conren Limited
 - 13.5.1.1 Company Overview
 - 13.5.1.2 Product Portfolio
 - 13.5.1.3 Demographic Reach and Achievements
 - 13.5.1.4 Certifications
 - 13.5.2 DIC Corporation
 - 13.5.2.1 Company Overview
 - 13.5.2.2 Product Portfolio
 - 13.5.2.3 Demographic Reach and Achievements
 - 13.5.2.4 Certifications
 - 13.5.3 The Dow Chemical Company
 - 13.5.3.1 Company Overview
 - 13.5.3.2 Product Portfolio
 - 13.5.3.3 Demographic Reach and Achievements
 - 13.5.3.4 Certifications
 - 13.5.4 EPOXONIC GmbH
 - 13.5.4.1 Company Overview
 - 13.5.4.2 Product Portfolio
 - 13.5.4.3 Demographic Reach and Achievements
 - 13.5.4.4 Certifications
 - 13.5.5 Hexion Inc.
 - 13.5.5.1 Company Overview
 - 13.5.5.2 Product Portfolio
 - 13.5.5.3 Demographic Reach and Achievements
 - 13.5.5.4 Certifications
 - 13.5.6 Others

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