

# **Global Water-borne Resins Market Size Study, by Type (Acrylic Resin, Epoxy Ester Resin, Saturated Polyester Resin, Epoxy Resin, Polyurethane Resin, Alkyd), by Application (Paints & Coatings, Adhesives & Sealants, Inks, Leather), and Regional Forecasts 2022-2032**

<https://marketpublishers.com/r/GF6CA3788084EN.html>

Date: March 2025

Pages: 285

Price: US\$ 3,750.00 (Single User License)

ID: GF6CA3788084EN

## **Abstracts**

The Global Water-borne Resins Market, valued at approximately USD 38.89 billion in 2023, is poised to expand at a CAGR of 6.90% between 2024 and 2032. The growing shift toward environmentally sustainable products is driving the demand for water-borne resins, which are widely used in paints & coatings, adhesives & sealants, inks, and leather applications. Increasing government regulations limiting volatile organic compound (VOC) emissions have propelled industries to adopt water-based resins as alternatives to solvent-based formulations. Additionally, technological advancements in emulsion polymerization and resin modification are enhancing performance attributes such as durability, chemical resistance, and adhesion properties, further accelerating market growth.

The expansion of construction, automotive, and packaging industries is fueling the demand for high-performance coatings and adhesives, wherein water-borne resins play a pivotal role. The rapid urbanization and infrastructure development in emerging economies are boosting demand for eco-friendly paints and coatings, creating lucrative growth prospects for resin manufacturers. Moreover, the increasing popularity of bio-based and hybrid water-borne resins is revolutionizing the market by offering low-carbon footprint solutions while maintaining high performance standards. However, challenges such as higher curing times, sensitivity to humidity, and fluctuating raw material prices may pose barriers to widespread adoption.

With the rising demand for protective and decorative coatings, the paints & coatings industry remains the dominant application segment, driven by increasing consumer preference for low-odor, quick-drying, and durable finishes. The adhesives & sealants segment is also witnessing substantial growth, particularly in the automotive, construction, and packaging sectors, where sustainable bonding solutions are gaining traction. Furthermore, the printing ink and leather finishing industries are increasingly leveraging water-based formulations to comply with stringent environmental regulations and reduce workplace hazards associated with solvent-based inks and coatings.

Geographically, North America leads the water-borne resins market, driven by stringent environmental policies, advancements in coatings technologies, and growing investments in sustainable materials. The United States remains the key player, with major resin manufacturers actively investing in R&D for innovative and high-performance water-based solutions. Europe follows closely, with countries like Germany, France, and the UK focusing on VOC-compliant coatings and adhesives for automotive and construction applications. Meanwhile, the Asia-Pacific region is expected to witness the fastest growth, propelled by rapid industrialization, urban development, and government initiatives promoting green chemistry in countries such as China, India, and Japan. The Latin America and Middle East & Africa regions are also experiencing increased demand due to rising awareness of eco-friendly coatings and packaging solutions.

#### Major Market Players Included in This Report:

BASF SE

Dow Chemical Company

Arkema S.A.

Allnex Group

Evonik Industries AG

DSM Coatings Resins

Hexion Inc.

Mitsui Chemicals Inc.

Alberdingk Boley GmbH

Wacker Chemie AG

Celanese Corporation

DIC Corporation

Synthomer Plc

Eastman Chemical Company

Sherwin-Williams Company

The Detailed Segments and Sub-Segments of the Market Are Explained Below:

By Type:

Acrylic Resin

Epoxy Ester Resin

Saturated Polyester Resin

Epoxy Resin

Polyurethane Resin

Alkyd

By Application:

Paints & Coatings

Adhesives & Sealants

Inks

Leather

By Region:

North America:

U.S.

Canada

Europe:

UK

Germany

France

Spain

Italy

Rest of Europe

Asia Pacific:

China

India

Japan

Australia

South Korea

Rest of Asia-Pacific

Latin America:

Brazil

Mexico

Rest of Latin America

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years Considered for the Study:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024-2032

Key Takeaways:

Market estimates & forecasts spanning 10 years (2022-2032).

Annualized revenue projections and regional-level analysis for each market segment.

Detailed examination of geographical dynamics, including country-specific insights.

Comprehensive competitive landscape featuring key players and their strategic initiatives.

Assessment of emerging trends and expert recommendations for market participants.

Evaluation of demand-supply factors shaping market growth.

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