

Global Bio-Based Polyurethane System Market Size Study, by Product (Rigid Foam, Flexible Foam, Coatings, Adhesives & Sealants, Others), by Application (Foams, Coatings, Adhesives and Sealants, Other Applications), by End-user Industry (Transportation, Footwear and Textile, Construction, Packaging, Furniture and Bedding, Electronics, Other End-user Industries) and Regional Forecasts 2022-2032

<https://marketpublishers.com/r/G97E8EA1CA16EN.html>

Date: January 2025

Pages: 285

Price: US\$ 3,218.00 (Single User License)

ID: G97E8EA1CA16EN

Abstracts

The Global Bio-Based Polyurethane System Market, valued at approximately USD 33,667 thousand in 2023, is set to expand at an impressive compound annual growth rate (CAGR) of 8.99% during the forecast period of 2024-2032. Bio-based polyurethane systems are increasingly gaining traction across multiple industries due to their sustainable and environmentally friendly properties. These systems, derived from renewable resources, offer compelling alternatives to conventional petroleum-based polyurethanes, catering to the rising demand for green solutions in sectors such as construction, transportation, and packaging.

The market is primarily driven by stringent environmental regulations and the growing consumer preference for bio-based products. In the transportation sector, bio-based polyurethane systems are extensively used for lightweight materials, enhancing fuel efficiency. Additionally, industries such as furniture and bedding leverage their versatility and performance benefits. While raw material cost fluctuations may pose challenges, technological advancements in production techniques and increasing government incentives for green initiatives are expected to bolster market growth further.

Asia-Pacific leads the market, fueled by robust industrialization and the expanding manufacturing sectors in countries like China, India, and Japan. North America and Europe also contribute significantly, driven by stringent environmental policies and the adoption of sustainable practices in the automotive and construction sectors. The burgeoning electronics industry in developing regions and increased investments in research and development globally are poised to drive innovation and growth in the bio-based polyurethane system market over the coming years.

Major market players included in this report are:

BASF SE

Dow Inc.

Covestro AG

Huntsman Corporation

Mitsui Chemicals, Inc.

Arkema S.A.

Perstorp Holdings AB

Lubrizol Corporation

Recticel S.A.

Biobased Technologies LLC

Rampf Group, Inc.

Stahl Holdings B.V.

Emery Oleochemicals

Evonik Industries AG

Covation Bio

The detailed segments and sub-segment of the market are explained below:

By Product:

Rigid Foam

Flexible Foam

Coatings

Adhesives & Sealants

Others

By Application:

Foams

Coatings

Adhesives and Sealants

Other Applications

By End-user Industry:

Transportation

Footwear and Textile

Construction

Packaging

Furniture and Bedding

Electronics

Other End-user Industries

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

Middle East & Africa:

Saudi Arabia

South Africa

Rest of Middle East & Africa

Years considered for the study are as follows:

Historical Year: 2022

Base Year: 2023

Forecast Period: 2024-2032

Key Takeaways:

Market estimates and forecasts for 10 years from 2022 to 2032.

Comprehensive regional-level analysis for each market segment.

Detailed insights into the competitive landscape with major industry players.

Strategic recommendations for navigating future market challenges.

Thorough demand-side and supply-side market analysis.

Contents

CHAPTER 1. GLOBAL BIO-BASED POLYURETHANE SYSTEM MARKET EXECUTIVE SUMMARY

- 1.1. Global Bio-Based Polyurethane System Market Size & Forecast (2022-2032)
- 1.2. Regional Summary
- 1.3. Segmental Summary
 - 1.3.1. By Product
 - 1.3.1.1. Rigid Foam
 - 1.3.1.2. Flexible Foam
 - 1.3.1.3. Coatings
 - 1.3.1.4. Adhesives & Sealants
 - 1.3.1.5. Others
 - 1.3.2. By Application
 - 1.3.2.1. Foams
 - 1.3.2.2. Coatings
 - 1.3.2.3. Adhesives and Sealants
 - 1.3.2.4. Other Applications
 - 1.3.3. By End-use Industry
 - 1.3.3.1. Transportation
 - 1.3.3.2. Footwear and Textile
 - 1.3.3.3. Construction
 - 1.3.3.4. Packaging
 - 1.3.3.5. Furniture and Bedding
 - 1.3.3.6. Electronics
 - 1.3.3.7. Other End-user Industries
- 1.4. Key Trends
- 1.5. Recession Impact
- 1.6. Analyst Recommendation & Conclusion

CHAPTER 2. GLOBAL BIO-BASED POLYURETHANE SYSTEM MARKET DEFINITION AND RESEARCH ASSUMPTIONS

- 2.1. Research Objective
- 2.2. Market Definition
- 2.3. Research Assumptions
 - 2.3.1. Inclusion & Exclusion
 - 2.3.2. Limitations

2.3.3. Supply Side Analysis

2.3.3.1. Availability

2.3.3.2. Infrastructure

2.3.3.3. Regulatory Environment

2.3.3.4. Market Competition

2.3.3.5. Economic Viability (Consumer's Perspective)

2.3.4. Demand Side Analysis

2.3.4.1. Regulatory Frameworks

2.3.4.2. Technological Advancements

2.3.4.3. Environmental Considerations

2.3.4.4. Consumer Awareness & Acceptance

2.4. Estimation Methodology

2.5. Years Considered for the Study

2.6. Currency Conversion Rates

CHAPTER 3. GLOBAL BIO-BASED POLYURETHANE SYSTEM MARKET DYNAMICS

3.1. Market Drivers

3.1.1. Stringent Environmental Regulations

3.1.2. Increasing Adoption in Transportation Industry

3.1.3. Growth in Furniture and Bedding Sector

3.2. Market Challenges

3.2.1. Fluctuating Raw Material Prices

3.2.2. High Production Costs

3.3. Market Opportunities

3.3.1. Technological Innovations in Production Methods

3.3.2. Rising Demand for Sustainable and High-purity Systems

3.3.3. Expansion in Electronics Applications

CHAPTER 4. GLOBAL BIO-BASED POLYURETHANE SYSTEM MARKET INDUSTRY ANALYSIS

4.1. Porter's 5 Force Model

4.1.1. Bargaining Power of Suppliers

4.1.2. Bargaining Power of Buyers

4.1.3. Threat of New Entrants

4.1.4. Threat of Substitutes

4.1.5. Competitive Rivalry

- 4.1.6. Futuristic Approach to Porter's 5 Force Model
- 4.1.7. Porter's 5 Force Impact Analysis
- 4.2. PESTEL Analysis
 - 4.2.1. Political
 - 4.2.2. Economical
 - 4.2.3. Social
 - 4.2.4. Technological
 - 4.2.5. Environmental
 - 4.2.6. Legal
- 4.3. Top Investment Opportunities
- 4.4. Top Winning Strategies
- 4.5. Disruptive Trends
- 4.6. Industry Expert Perspective
- 4.7. Analyst Recommendation & Conclusion

CHAPTER 5. GLOBAL BIO-BASED POLYURETHANE SYSTEM MARKET SIZE & FORECASTS BY PRODUCT 2022-2032

- 5.1. Segment Dashboard
- 5.2. Global Bio-Based Polyurethane System Market: Product Revenue Trend Analysis, 2022 & 2032 (USD Thousand)
 - 5.2.1. Rigid Foam
 - 5.2.2. Flexible Foam
 - 5.2.3. Coatings
 - 5.2.4. Adhesives & Sealants
 - 5.2.5. Others

CHAPTER 6. GLOBAL BIO-BASED POLYURETHANE SYSTEM MARKET SIZE & FORECASTS BY APPLICATION 2022-2032

- 6.1. Segment Dashboard
- 6.2. Global Bio-Based Polyurethane System Market: Application Revenue Trend Analysis, 2022 & 2032 (USD Thousand)
 - 6.2.1. Foams
 - 6.2.2. Coatings
 - 6.2.3. Adhesives and Sealants
 - 6.2.4. Other Applications

CHAPTER 7. GLOBAL BIO-BASED POLYURETHANE SYSTEM MARKET SIZE &

FORECASTS BY END-USE INDUSTRY 2022-2032

7.1. Segment Dashboard

7.2. Global Bio-Based Polyurethane System Market: End-use Industry Revenue Trend Analysis, 2022 & 2032 (USD Thousand)

7.2.1. Transportation

7.2.2. Footwear and Textile

7.2.3. Construction

7.2.4. Packaging

7.2.5. Furniture and Bedding

7.2.6. Electronics

7.2.7. Other End-user Industries

CHAPTER 8. GLOBAL BIO-BASED POLYURETHANE SYSTEM MARKET SIZE & FORECASTS BY REGION 2022-2032

8.1. North America Bio-Based Polyurethane System Market

8.1.1. U.S. Bio-Based Polyurethane System Market

8.1.1.1. Product Breakdown Size & Forecasts, 2022-2032

8.1.1.2. Application Breakdown Size & Forecasts, 2022-2032

8.1.1.3. End-use Industry Breakdown Size & Forecasts, 2022-2032

8.1.2. Canada Bio-Based Polyurethane System Market

8.2. Europe Bio-Based Polyurethane System Market

8.2.1. UK Bio-Based Polyurethane System Market

8.2.2. Germany Bio-Based Polyurethane System Market

8.2.3. France Bio-Based Polyurethane System Market

8.2.4. Spain Bio-Based Polyurethane System Market

8.2.5. Italy Bio-Based Polyurethane System Market

8.2.6. Rest of Europe Bio-Based Polyurethane System Market

8.3. Asia-Pacific Bio-Based Polyurethane System Market

8.3.1. China Bio-Based Polyurethane System Market

8.3.2. India Bio-Based Polyurethane System Market

8.3.3. Japan Bio-Based Polyurethane System Market

8.3.4. Australia Bio-Based Polyurethane System Market

8.3.5. South Korea Bio-Based Polyurethane System Market

8.3.6. Rest of Asia-Pacific Bio-Based Polyurethane System Market

8.4. Latin America Bio-Based Polyurethane System Market

8.4.1. Brazil Bio-Based Polyurethane System Market

8.4.2. Mexico Bio-Based Polyurethane System Market

- 8.4.3. Rest of Latin America Bio-Based Polyurethane System Market
- 8.5. Middle East & Africa Bio-Based Polyurethane System Market
 - 8.5.1. Saudi Arabia Bio-Based Polyurethane System Market
 - 8.5.2. South Africa Bio-Based Polyurethane System Market
 - 8.5.3. Rest of Middle East & Africa Bio-Based Polyurethane System Market

CHAPTER 9. COMPETITIVE INTELLIGENCE

- 9.1. Key Company SWOT Analysis
 - 9.1.1. BASF SE
 - 9.1.2. Dow Inc.
 - 9.1.3. Covestro AG
- 9.2. Top Market Strategies
- 9.3. Company Profiles
 - 9.3.1. BASF SE
 - 9.3.1.1. Key Information
 - 9.3.1.2. Overview
 - 9.3.1.3. Financial (Subject to Data Availability)
 - 9.3.1.4. Product Summary
 - 9.3.1.5. Market Strategies
 - 9.3.2. Dow Inc.
 - 9.3.3. Covestro AG
 - 9.3.4. Huntsman Corporation
 - 9.3.5. Mitsui Chemicals, Inc.
 - 9.3.6. Arkema S.A.
 - 9.3.7. Perstorp Holdings AB
 - 9.3.8. Lubrizol Corporation
 - 9.3.9. Recticel S.A.
 - 9.3.10. Biobased Technologies LLC
 - 9.3.11. Rampf Group, Inc.
 - 9.3.12. Stahl Holdings B.V.
 - 9.3.13. Emery Oleochemicals
 - 9.3.14. Evonik Industries AG
 - 9.3.15. Covation Bio

CHAPTER 10. RESEARCH PROCESS

- 10.1. Research Process
 - 10.1.1. Data Mining

- 10.1.2. Analysis
- 10.1.3. Market Estimation
- 10.1.4. Validation
- 10.1.5. Publishing
- 10.2. Research Attributes

List Of Tables

LIST OF TABLES

TABLE 1. Global Bio-Based Polyurethane System Market, Report Scope

TABLE 2. Global Bio-Based Polyurethane System Market Estimates & Forecasts by Region 2022-2032 (USD Thousand)

TABLE 3. Global Bio-Based Polyurethane System Market Estimates & Forecasts by Product 2022-2032 (USD Thousand)

TABLE 4. Global Bio-Based Polyurethane System Market Estimates & Forecasts by Application 2022-2032 (USD Thousand)

TABLE 5. Global Bio-Based Polyurethane System Market Estimates & Forecasts by End-use Industry 2022-2032 (USD Thousand)

TABLE 6. Global Bio-Based Polyurethane System Market Estimates & Forecasts by Product 2022-2032 (USD Thousand)

TABLE 7. Global Bio-Based Polyurethane System Market Estimates & Forecasts by Application 2022-2032 (USD Thousand)

TABLE 8. Global Bio-Based Polyurethane System Market Estimates & Forecasts by End-use Industry 2022-2032 (USD Thousand)

TABLE 9. Global Bio-Based Polyurethane System Market Estimates & Forecasts by Product 2022-2032 (USD Thousand)

TABLE 10. Global Bio-Based Polyurethane System Market Estimates & Forecasts by Application 2022-2032 (USD Thousand)

TABLE 11. Global Bio-Based Polyurethane System Market Estimates & Forecasts by End-use Industry 2022-2032 (USD Thousand)

TABLE 12. Global Bio-Based Polyurethane System Market Estimates & Forecasts by Product 2022-2032 (USD Thousand)

TABLE 13. Global Bio-Based Polyurethane System Market Estimates & Forecasts by Application 2022-2032 (USD Thousand)

TABLE 14. Global Bio-Based Polyurethane System Market Estimates & Forecasts by End-use Industry 2022-2032 (USD Thousand)

TABLE 15. U.S. Bio-Based Polyurethane System Market Estimates & Forecasts, 2022-2032 (USD Thousand)

TABLE 16. U.S. Bio-Based Polyurethane System Market Estimates & Forecasts by Product 2022-2032 (USD Thousand)

TABLE 17. U.S. Bio-Based Polyurethane System Market Estimates & Forecasts by Application 2022-2032 (USD Thousand)

TABLE 18. Canada Bio-Based Polyurethane System Market Estimates & Forecasts, 2022-2032 (USD Thousand)

TABLE 19. Canada Bio-Based Polyurethane System Market Estimates & Forecasts by Product 2022-2032 (USD Thousand)

TABLE 20. Canada Bio-Based Polyurethane System Market Estimates & Forecasts by Application 2022-2032 (USD Thousand)

.....

This list is not complete; the final report does contain more than 100 tables. The list may be updated in the final deliverable.

I would like to order

Product name: Global Bio-Based Polyurethane System Market Size Study, by Product (Rigid Foam, Flexible Foam, Coatings, Adhesives & Sealants, Others), by Application (Foams, Coatings, Adhesives and Sealants, Other Applications), by End-user Industry (Transportation, Footwear and Textile, Construction, Packaging, Furniture and Bedding, Electronics, Other End-user Industries) and Regional Forecasts 2022-2032

Product link: <https://marketpublishers.com/r/G97E8EA1CA16EN.html>

Price: US\$ 3,218.00 (Single User License / Electronic Delivery)

If you want to order Corporate License or Hard Copy, please, contact our Customer Service:

info@marketpublishers.com

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <https://marketpublishers.com/r/G97E8EA1CA16EN.html>