+357 96 030922
info@marketpublishers.com

Polyurethane Sealants (PU) Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (One-Component, Two-Component), By Application (Glazing, Flooring & Joining, Concrete Joints, Submerged, Sanitary & Kitchen), By End-User (Building & Construction, Automotive, General Industrial, Marine, Aerospace, Others), By Region and Competition, 2020-2030F

https://marketpublishers.com/r/P7A9F5D067C6EN.html
Date: June 2025
Pages: 185
Price: US$ 4,500.00 (Single User License)
ID: P7A9F5D067C6EN

Abstracts

Market Overview

The Global Polyurethane Sealants (PU) Market was valued at USD 2.93 billion in 2024 and is projected to reach USD 3.73 billion by 2030, growing at a CAGR of 4.30% during the forecast period. Polyurethane sealants are extensively utilized across industries due to their strong adhesion, flexibility, and durability, which make them ideal for sealing and bonding applications. Their adaptability supports wide-ranging use in construction, automotive, electronics, marine, and aerospace sectors. Among these, the construction industry continues to be a leading consumer, relying heavily on PU sealants for sealing joints, cracks, and expansion gaps in infrastructure and buildings. Urban development and infrastructure investments—particularly in emerging economies—are significantly boosting demand. Furthermore, the use of polyurethane sealants aligns with energy efficiency and green building initiatives, contributing to enhanced thermal insulation and compliance with low-VOC environmental standards. These qualities, combined with increasing sustainability goals and technological advancements, continue to drive the global PU sealants market forward.

+357 96 030922
info@marketpublishers.com

Key Market Drivers

Growing Demand from the Construction Industry

The global polyurethane sealants market is experiencing strong growth, primarily fueled by escalating demand within the construction industry. Countries such as the United States and regions like Asia Pacific have shown consistent expansion in construction activities, with urbanization and infrastructure projects driving consumption of sealants. Polyurethane sealants are widely used in applications like sealing expansion joints, structural gaps, and curtain wall systems, offering exceptional adhesion to materials including concrete, metal, and wood. Their durability against UV exposure, weather conditions, and thermal fluctuations ensures long-term performance, reducing the need for frequent maintenance. In line with global efforts to improve building energy efficiency, PU sealants play a pivotal role in minimizing energy loss by sealing air gaps. With buildings contributing to approximately 37% of global CO? emissions and over 34% of total energy consumption, the role of PU sealants in green construction is more critical than ever. Their availability in low-VOC variants also supports sustainable construction practices, making them indispensable for developers aiming to meet regulatory and environmental benchmarks.

Key Market Challenges

Economic downturns and fluctuations

The global polyurethane sealants market faces notable challenges due to economic downturns and fluctuating market conditions. As the construction sector is a major end-user, economic recessions often lead to project postponements, funding limitations, and reduced activity—directly affecting demand for PU sealants. Financial instability can result in lower order volumes, surplus inventory, and pricing pressures for manufacturers, impeding growth strategies. Although polyurethane sealants are also used in other sectors such as automotive and industrial manufacturing, these industries may also experience downturns during economic contractions. Nevertheless, the diversified application base offers some degree of market resilience. Sustained growth in the PU sealants market, however, remains closely tied to the recovery and stability of global economic conditions, particularly in infrastructure-heavy regions.

Key Market Trends

Utilization of Polyurethane Sealants in the Development of Self-Healing Materials

+357 96 030922
info@marketpublishers.com

A key trend shaping the polyurethane sealants market is their integration into self-healing material technologies. These advanced materials can automatically repair damage such as cracks or surface wear, significantly enhancing the durability and lifespan of structures and components. In construction, self-healing sealants can maintain structural integrity over time by autonomously addressing minor failures, reducing long-term maintenance requirements. In sectors such as transportation and aerospace, this innovation enhances safety, performance, and cost-efficiency by preventing the escalation of minor damage. The development of PU-based self-healing materials marks a forward-thinking shift in product innovation, offering high-performance solutions for industries focused on long-term durability and reliability.

Key Market Players

Arkema SA

Asian Paints Ltd.

BASF SE

Dow Inc.

H.B. Fuller Company

Henkel AG & Co KGaA

Holcim Limited

KCC Corporation

Mapei S.p.A

Pidilite Industries Limited

Report Scope:

+357 96 030922
info@marketpublishers.com

In this report, the Global Polyurethane Sealants (PU) Market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Polyurethane Sealants (PU) Market, By Type:

- One-Component
- Two-Component

Polyurethane Sealants (PU) Market, By Application:

- Glazing
- Flooring & Joining
- Concrete Joints
- Submerged
- Sanitary & Kitchen

Polyurethane Sealants (PU) Market, By End-User:

- Building & Construction
- Automotive
- General Industrial
- Marine
- Aerospace
- Others

Polyurethane Sealants (PU) Market, By Region:

+357 96 030922
info@marketpublishers.com

Asia Pacific

- China
- India
- Japan
- Australia
- South Korea

North America

- United States
- Canada
- Mexico

Europe

- France
- United Kingdom
- Italy
- Germany
- Spain

South America

- Brazil
- Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Polyurethane Sealants (PU) Market.

Available Customizations:

Global Polyurethane Sealants (PU) Market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

+357 96 030922
info@marketpublishers.com

Contents

1. PRODUCT OVERVIEW

1.1. Market Definition
1.2. Scope of the Market
  1.2.1. Markets Covered
  1.2.2. Years Considered for Study
  1.2.3. Key Market Segmentations

2. RESEARCH METHODOLOGY

2.1. Objective of the Study
2.2. Baseline Methodology
2.3. Key Industry Partners
2.4. Major Association and Secondary Sources
2.5. Forecasting Methodology
2.6. Data Triangulation & Validation
2.7. Assumptions and Limitations

3. EXECUTIVE SUMMARY

3.1. Overview of the Market
3.2. Overview of Key Market Segmentations
3.3. Overview of Key Market Players
3.4. Overview of Key Regions/Countries
3.5. Overview of Market Drivers, Challenges, Trends

4. IMPACT OF COVID-19 ON GLOBAL POLYURETHANE SEALANTS (PU) MARKET

5. VOICE OF CUSTOMER

6. GLOBAL POLYURETHANE SEALANTS (PU) MARKET OUTLOOK

6.1. Market Size & Forecast
  6.1.1. By Value & Volume
6.2. Market Share & Forecast
  6.2.1. By Type (One-Component, Two-Component)
  6.2.2. By Application (Glazing, Flooring & Joining, Concrete Joints, Submerged,

Sanitary & Kitchen)
6.2.3. By End-User (Building & Construction, Automotive, General Industrial, Marine, Aerospace, Others)
6.2.4. By Region
6.2.5. By Company (2024)
6.3. Market Map

7. ASIA PACIFIC POLYURETHANE SEALANTS (PU) MARKET OUTLOOK

7.1. Market Size & Forecast
7.1.1. By Value & Volume
7.2. Market Share & Forecast
7.2.1. By Type
7.2.2. By Application
7.2.3. By End-User
7.2.4. By Country
7.3. Asia Pacific: Country Analysis
7.3.1. China Polyurethane Sealants (PU) Market Outlook
7.3.1.1. Market Size & Forecast
7.3.1.1.1. By Value & Volume
7.3.1.2. Market Share & Forecast
7.3.1.2.1. By Type
7.3.1.2.2. By Application
7.3.1.2.3. By End-User
7.3.2. India Polyurethane Sealants (PU) Market Outlook
7.3.2.1. Market Size & Forecast
7.3.2.1.1. By Value & Volume
7.3.2.2. Market Share & Forecast
7.3.2.2.1. By Type
7.3.2.2.2. By Application
7.3.2.2.3. By End-User
7.3.3. Australia Polyurethane Sealants (PU) Market Outlook
7.3.3.1. Market Size & Forecast
7.3.3.1.1. By Value & Volume
7.3.3.2. Market Share & Forecast
7.3.3.2.1. By Type
7.3.3.2.2. By Application
7.3.3.2.3. By End-User
7.3.4. Japan Polyurethane Sealants (PU) Market Outlook

7.3.4.1. Market Size & Forecast
7.3.4.1.1. By Value & Volume
7.3.4.2. Market Share & Forecast
7.3.4.2.1. By Type
7.3.4.2.2. By Application
7.3.4.2.3. By End-User
7.3.5. South Korea Polyurethane Sealants (PU) Market Outlook
7.3.5.1. Market Size & Forecast
7.3.5.1.1. By Value & Volume
7.3.5.2. Market Share & Forecast
7.3.5.2.1. By Type
7.3.5.2.2. By Application
7.3.5.2.3. By End-User

8. EUROPE POLYURETHANE SEALANTS (PU) MARKET OUTLOOK

8.1. Market Size & Forecast
8.1.1. By Value & Volume
8.2. Market Share & Forecast
8.2.1. By Type
8.2.2. By Application
8.2.3. By End-User
8.2.4. By Country
8.3. Europe: Country Analysis
8.3.1. France Polyurethane Sealants (PU) Market Outlook
8.3.1.1. Market Size & Forecast
8.3.1.1.1. By Value & Volume
8.3.1.2. Market Share & Forecast
8.3.1.2.1. By Type
8.3.1.2.2. By Application
8.3.1.2.3. By End-User
8.3.2. Germany Polyurethane Sealants (PU) Market Outlook
8.3.2.1. Market Size & Forecast
8.3.2.1.1. By Value & Volume
8.3.2.2. Market Share & Forecast
8.3.2.2.1. By Type
8.3.2.2.2. By Application
8.3.2.2.3. By End-User
8.3.3. Spain Polyurethane Sealants (PU) Market Outlook

8.3.3.1. Market Size & Forecast
8.3.3.1.1. By Value & Volume
8.3.3.2. Market Share & Forecast
8.3.3.2.1. By Type
8.3.3.2.2. By Application
8.3.3.2.3. By End-User
8.3.4. Italy Polyurethane Sealants (PU) Market Outlook
8.3.4.1. Market Size & Forecast
8.3.4.1.1. By Value & Volume
8.3.4.2. Market Share & Forecast
8.3.4.2.1. By Type
8.3.4.2.2. By Application
8.3.4.2.3. By End-User
8.3.5. United Kingdom Polyurethane Sealants (PU) Market Outlook
8.3.5.1. Market Size & Forecast
8.3.5.1.1. By Value & Volume
8.3.5.2. Market Share & Forecast
8.3.5.2.1. By Type
8.3.5.2.2. By Application
8.3.5.2.3. By End-User

9. NORTH AMERICA POLYURETHANE SEALANTS (PU) MARKET OUTLOOK

9.1. Market Size & Forecast
9.1.1. By Value & Volume
9.2. Market Share & Forecast
9.2.1. By Type
9.2.2. By Application
9.2.3. By End-User
9.2.4. By Country
9.3. North America: Country Analysis
9.3.1. United States Polyurethane Sealants (PU) Market Outlook
9.3.1.1. Market Size & Forecast
9.3.1.1.1. By Value & Volume
9.3.1.2. Market Share & Forecast
9.3.1.2.1. By Type
9.3.1.2.2. By Application
9.3.1.2.3. By End-User
9.3.2. Mexico Polyurethane Sealants (PU) Market Outlook

9.3.2.1. Market Size & Forecast
9.3.2.1.1. By Value & Volume
9.3.2.2. Market Share & Forecast
9.3.2.2.1. By Type
9.3.2.2.2. By Application
9.3.2.2.3. By End-User
9.3.3. Canada Polyurethane Sealants (PU) Market Outlook
9.3.3.1. Market Size & Forecast
9.3.3.1.1. By Value & Volume
9.3.3.2. Market Share & Forecast
9.3.3.2.1. By Type
9.3.3.2.2. By Application
9.3.3.2.3. By End-User

10. SOUTH AMERICA POLYURETHANE SEALANTS (PU) MARKET OUTLOOK

10.1. Market Size & Forecast
10.1.1. By Value & Volume
10.2. Market Share & Forecast
10.2.1. By Type
10.2.2. By Application
10.2.3. By End-User
10.2.4. By Country
10.3. South America: Country Analysis
10.3.1. Brazil Polyurethane Sealants (PU) Market Outlook
10.3.1.1. Market Size & Forecast
10.3.1.1.1. By Value & Volume
10.3.1.2. Market Share & Forecast
10.3.1.2.1. By Type
10.3.1.2.2. By Application
10.3.1.2.3. By End-User
10.3.2. Argentina Polyurethane Sealants (PU) Market Outlook
10.3.2.1. Market Size & Forecast
10.3.2.1.1. By Value & Volume
10.3.2.2. Market Share & Forecast
10.3.2.2.1. By Type
10.3.2.2.2. By Application
10.3.2.2.3. By End-User
10.3.3. Colombia Polyurethane Sealants (PU) Market Outlook

10.3.3.1. Market Size & Forecast
10.3.3.1.1. By Value & Volume
10.3.3.2. Market Share & Forecast
10.3.3.2.1. By Type
10.3.3.2.2. By Application
10.3.3.2.3. By End-User

11. MIDDLE EAST AND AFRICA POLYURETHANE SEALANTS (PU) MARKET OUTLOOK

11.1. Market Size & Forecast
11.1.1. By Value & Volume
11.2. Market Share & Forecast
11.2.1. By Type
11.2.2. By Application
11.2.3. By End-User
11.2.4. By Country
11.3. MEA: Country Analysis
11.3.1. South Africa Polyurethane Sealants (PU) Market Outlook
11.3.1.1. Market Size & Forecast
11.3.1.1.1. By Value & Volume
11.3.1.2. Market Share & Forecast
11.3.1.2.1. By Type
11.3.1.2.2. By Application
11.3.1.2.3. By End-User
11.3.2. Saudi Arabia Polyurethane Sealants (PU) Market Outlook
11.3.2.1. Market Size & Forecast
11.3.2.1.1. By Value & Volume
11.3.2.2. Market Share & Forecast
11.3.2.2.1. By Type
11.3.2.2.2. By Application
11.3.2.2.3. By End-User
11.3.3. UAE Polyurethane Sealants (PU) Market Outlook
11.3.3.1. Market Size & Forecast
11.3.3.1.1. By Value & Volume
11.3.3.2. Market Share & Forecast
11.3.3.2.1. By Type
11.3.3.2.2. By Application
11.3.3.2.3. By End-User

+357 96 030922
info@marketpublishers.com

12. MARKET DYNAMICS

12.1. Drivers
12.2. Challenges

13. MARKET TRENDS & DEVELOPMENTS

13.1. Recent Developments
13.2. Product Launches
13.3. Mergers & Acquisitions

14. GLOBAL POLYURETHANE SEALANTS (PU) MARKET: SWOT ANALYSIS

15. PRICING ANALYSIS

16. PORTER'S FIVE FORCES ANALYSIS

16.1. Competition in the Industry
16.2. Potential of New Entrants
16.3. Power of Suppliers
16.4. Power of Customers
16.5. Threat of Substitute Application

17. PESTLE ANALYSIS

18. COMPETITIVE LANDSCAPE

18.1. Arkema SA
  18.1.1. Business Overview
  18.1.2. Company Snapshot
  18.1.3. Product & Services
  18.1.4. Financials (In case of listed companies)
  18.1.5. Recent Developments
  18.1.6. SWOT Analysis
18.2. Asian Paints Ltd.
18.3. BASF SE
18.4. Dow Inc.
18.5. H.B. Fuller Company

+357 96 030922
info@marketpublishers.com

18.6. Henkel AG & Co KGaA
18.7. Holcim Limited
18.8. KCC Corporation
18.9. Mapei S.p.A
18.10. Pidilite Industries Limited

19. STRATEGIC RECOMMENDATIONS

20. ABOUT US & DISCLAIMER

+357 96 030922
info@marketpublishers.com

I would like to order

Product name: Polyurethane Sealants (PU) Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (One-Component, Two-Component), By Application (Glazing, Flooring & Joining, Concrete Joints, Submerged, Sanitary & Kitchen), By End-User (Building & Construction, Automotive, General Industrial, Marine, Aerospace, Others), By Region and Competition, 2020-2030F

Product link: https://marketpublishers.com/r/P7A9F5D067C6EN.html

Price: US$ 4,500.00 (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/P7A9F5D067C6EN.html