

Global Joint Sealants Market Size study, by Type (Polyurethane Joint Sealants, Silicone Joint Sealant, Polysulphide Joint Sealant, Hot Poured Joint Sealant, Others), by Application (Building and Construction, Transportation, General Industrial, Electrical and Electronics, Others) and Regional Forecasts 2022-2032

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Abstracts

Global Joint Sealants Market is valued approximately at USD 1.10 billion in 2023 and is anticipated to grow with a healthy growth rate of more than 4.91% over the forecast period 2024-2032. Joint sealants, essential components in modern construction and industrial applications, are utilized to seal joints and gaps between substrates, preventing the infiltration of air, water, and other environmental elements while allowing for substrate movement. Their indispensable role in building design and construction is underscored by their properties, such as UV resistance, non-chalking, non-staining, and self-cleaning capabilities, which enhance their performance and longevity. joint sealants are pivotal due to their insolubility, corrosion resistance, and adhesion properties. They are extensively used in pavements and roads to prolong service life and minimize surface water entry, thereby preventing damage due to moisture intrusion.

The increasing demand from various end-use industries propels the growth of the joint sealants market. Key industries include building and construction, transportation, automotive, aerospace and defense, and electronics. The rising demand for joint sealants in the aerospace sector also drives market growth. These materials must meet stringent standards and withstand harsh, fluctuating environments. They are used to seal surfaces, joints, and openings in aircraft components to prevent fluid passage and maintain structural integrity. Joint sealants help reduce vibration, lower maintenance costs, and extend product life, making them indispensable in the aerospace industry.

Products such as PPG Industries, Inc.'s PR-1422 and Pro-Seal 890 exemplify advancements in this sector. However, the growth of the joint sealants market is restrained by strict regulations on solvent use, which pose health and environmental risks. Solvents in joint sealants can release volatile organic compounds (VOCs) that cause health issues such as nausea, eye irritation, and long-term risks such as cancer and genetic changes. Government regulations and green construction initiatives aim to reduce VOC emissions, compelling manufacturers to develop eco-friendly alternatives. The key regions considered for the Global Joint Sealants Market study include Asia Pacific, North America, Europe, Latin America, and the Middle East & Africa. In 2023, Asia-Pacific dominates the market and expected to grow fastest during the forecast period 2024-2032. This is due to increased demand from the construction and residential sectors, alongside investments in transportation infrastructure. The market is also driven by rapid urbanization, increasing construction activities, and infrastructure development across countries such as China and India. The region's expanding industrial base and rising demand for durable and high-performance building materials further fuel the market. Additionally, the Asia-Pacific market benefits from cost-effective production and a growing focus on energy-efficient and sustainable construction practices. These factors collectively position the Asia-Pacific region as a leading and fast-growing market for joint sealants globally.

Major market players included in this report are:

3M

Sika AG

ITW Performance Polymer

RPM International Inc.

Pidilite Industries Limited

NANPAO RESINS CHEMICAL GROUP

MAPEI S.p.A.

Hodgson Sealants

Wacker Chemie AG

American Sealants, Inc.

Dow Inc.

Durabuild

PPG Industries, Inc.

Bayer AG

BASF SE

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

By Type:

Global Joint Sealants Market Size study, by Type (Polyurethane Joint Sealants, Silicone Joint Sealant, Polysul...

Polyurethane Joint Sealants
Silicone Joint Sealant
Polysulphide Joint Sealant
Hot Poured Joint Sealant
Others

By Application:
Building and Construction
Transportation
General Industrial
Electrical and Electronics
Others

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 are as follows:

Historical year – 2022

Base year – 2023

Forecast period – 2024 to 2032

Key Takeaways:

Market Estimates & Forecast for 10 years from 2022 to 2032.

Annualized revenues and regional level analysis for each market segment.

Detailed analysis of geographical landscape with Country level analysis of major regions.

Competitive landscape with information on major players in the market.

Analysis of key business strategies and recommendations on future market approach.

Analysis of competitive structure of the market.

Demand side and supply side analysis of the market.

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