

Global Waterborne Silicone Market Size Study & Forecast, by Type and Application, and Regional Forecasts 2025-2035

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Abstracts

The Global Waterborne Silicone Market is valued at approximately USD 1.59 billion in 2024 and is projected to flourish at a compound annual growth rate (CAGR) exceeding 7.24% over the forecast period from 2025 to 2035. Waterborne silicones, known for their exceptional weatherability, low VOC content, and eco-friendly formulations, have emerged as crucial components across a range of industries including paints & coatings, personal care, and adhesives. These formulations offer the dual advantage of enhanced performance and sustainability, aligning with tightening environmental regulations and shifting consumer preferences toward greener alternatives. Escalating demand for energy-efficient construction materials, along with increasing consumer awareness regarding eco-conscious product usage, continues to act as a significant catalyst in steering the global waterborne silicone market forward.

With mounting pressures to reduce carbon emissions and promote environmentally responsible manufacturing, industries worldwide are pivoting toward waterborne technologies. Waterborne silicones have become indispensable in formulations where durability, chemical resistance, and minimal environmental impact are non-negotiable. For instance, in the paints and coatings segment, these silicones impart improved substrate wetting, levelling, and surface slip, enabling manufacturers to comply with evolving regulatory mandates without sacrificing performance. The personal care sector, too, has increasingly embraced waterborne silicone emulsions for their skin-friendly, non-greasy texture and enhanced sensory attributes in products like lotions, conditioners, and sunscreens. Moreover, waterborne silicone dispersions are being rapidly adopted in the adhesives & sealants space for their excellent bonding strength and thermal stability—capabilities that extend product life cycles while reducing maintenance overheads.

Regionally, the North American market is expected to retain its dominance in 2025, owing to its mature regulatory framework supporting low-VOC materials, robust demand from end-use sectors, and a strong inclination toward sustainability-driven innovation. The U.S., in particular, houses several key players driving R&D and expanding application versatility of waterborne silicones. On the other hand, the Asia-Pacific region is forecasted to witness the fastest growth throughout the forecast horizon. Rapid urbanization, infrastructural advancements, and the booming personal care industry in emerging economies like China and India are expected to significantly propel regional demand. Europe, with its strict environmental directives and a growing inclination toward sustainable construction practices, also represents a fertile ground for waterborne silicone adoption. Meanwhile, Latin America and the Middle East & Africa are gradually catching up, propelled by increasing industrialization and growing consumer awareness of sustainable material choices.

Major market player included in this report are:

BASF SE

Dow Inc.

Shin-Etsu Chemical Co., Ltd.

Momentive Performance Materials Inc.

Evonik Industries AG

Wacker Chemie AG

KCC Corporation

Siltech Corporation

Elkem ASA

Innospec Inc.

BYK-Chemie GmbH

Gelest Inc.

Supreme Silicones

Ashland Global Holdings Inc.

BRB International B.V.

Global Waterborne Silicone Market Report Scope:

Historical Data – 2023, 2024

Base Year for Estimation – 2024

Forecast period – 2025-2035

Report Coverage – Revenue forecast, Company Ranking, Competitive Landscape, Growth factors, and Trends

Regional Scope – North America; Europe; Asia Pacific; Latin America; Middle East & Africa

Customization Scope – Free report customization (equivalent up to 8 analysts' working hours) with purchase. Addition or alteration to country, regional & segment scope*

The objective of the study is to define market sizes of different segments & countries in recent years and to forecast the values for the coming years. The report is designed to incorporate both qualitative and quantitative aspects of the industry within the countries involved in the study. The report also provides detailed information about crucial aspects, such as driving factors and challenges, which will define the future growth of the market. Additionally, it incorporates potential opportunities in micro-markets for stakeholders to invest, along with a detailed analysis of the competitive landscape and product offerings of key players. The detailed segments and sub-segments of the market are explained below:

By Type:

Emulsions

Dispersions

Gels

By Application:

Paints & Coatings

Personal Care

Adhesives & Sealants

By End-use:

Industrial

Commercial

Residential

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

UAE

Saudi Arabia

South Africa

Rest of Middle East & Africa

Key Takeaways:

Market Estimates & Forecast for 10 years from 2025 to 2035.

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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