

Silicone Coating Market Report by Product (Silicone Additives, Silicone Water Repellents, Silicone Polymers, 100% Silicone), Technology (Solvent-Based, Solventless, Water-Based, Powder-Based), Application (Building and Construction, Consumer Goods, Automotive and Transportation, and Others), and Region 2024-2032

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Abstracts

The global silicone coating market size reached US\$ 6.7 Billion in 2023. Looking forward, IMARC Group expects the market to reach US\$ 9.8 Billion by 2032, exhibiting a growth rate (CAGR) of 4.2% during 2024-2032.

Silicone coatings refer to protective and preservative coatings manufactured using synthetic polymeric compounds. They are produced using various resins and polymers as binders and additives. Some of the commonly available silicone coatings include solventless and solvent-, water- and powder-based coatings. These coatings exhibit various advantageous properties, such as high thermal stability, structural strength and water, weathering, corrosion and scratch resistance. In comparison to the conventionally used coatings, silicon variants have a longer life and are more environment friendly. As a result, they find extensive applications across various industries, including automotive, chemical, construction, electronics, marine and paper and pulp.

Silicone Coating Market Trends:

Significant growth in the construction industry across the globe is one of the key factors creating a positive outlook for the market. High-performance water-based acrylate-silicone coatings are widely used on the roofs and walls of commercial and residential

constructions to protect them from damage caused by corrosion, dust, ultraviolet (UV) exposure and dampness due to frequent changes in climatic conditions. Moreover, the increasing utilization of silicon coatings in automobiles and marine vehicles is providing a thrust to the market growth. These coatings prevent fouling in naval vessels and provide lubrication, electrical insulation and damping in automobiles. Additionally, various product innovations, such as the development of organic silicon coatings, with enhanced hydrophobicity, heat-, dust- and moisture-resistance, are acting as other growth-inducing factors. These novel variants are extensively used in medical devices as an anti-microbial, anti-fungal and anti-corrosion barrier on surfaces of stainless or other metals. Other factors, including rising environmental consciousness among the masses, along with the implementation of favorable government policies promoting sustainable development, are anticipated to drive the market toward growth.

Key Market Segmentation:

IMARC Group provides an analysis of the key trends in each sub-segment of the global silicone coating market report, along with forecasts at the global, regional and country level from 2024-2032. Our report has categorized the market based on product, technology and application.

Breakup by Product:

- Silicone Additives
- Silicone Water Repellents
- Silicone Polymers
- 100% Silicone

Breakup by Technology:

- Solvent-Based
- Solventless
- Water-Based
- Powder-Based

Breakup by Application:

- Building and Construction
- Consumer Goods
- Automotive and Transportation
- Others

Breakup by Region:

North America

United States

Canada

Asia-Pacific

China

Japan

India

South Korea

Australia

Indonesia

Others

Europe

Germany

France

United Kingdom

Italy

Spain

Russia

Others

Latin America

Brazil

Mexico

Others

Middle East and Africa

Competitive Landscape:

The competitive landscape of the industry has also been examined along with the profiles of the key players being AFCONA Chemicals Sdn Bhd, BASF SE, Borchers Inc. (Milliken & Company), Chase Corporation, CHT Germany GmbH, Dow Inc., Evonik Industries AG, Lakma Group, Momentive Performance Materials Inc., Shin-Etsu Chemical Co. Ltd. and Wacker Chemie AG.

Key Questions Answered in This Report

1. What was the size of the global silicone coating market in 2023?
2. What is the expected growth rate of the global silicone coating market during

2024-2032?

3. What are the key factors driving the global silicone coating market?
4. What has been the impact of COVID-19 on the global silicone coating market?
5. What is the breakup of the global silicone coating market based on the product?
6. What is the breakup of the global silicone coating market based on the technology?
7. What is the breakup of the global silicone coating market based on application?
8. What are the key regions in the global silicone coating market?
9. Who are the key players/companies in the global silicone coating market?

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