

Silicone Coating Market: Global Industry Trends, Share, Size, Growth, Opportunity and Forecast 2023-2028

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Abstracts

The global silicone coating market size reached US\$ 6.3 Billion in 2022. Looking forward, IMARC Group expects the market to reach US\$ 8.5 Billion by 2028, exhibiting a growth rate (CAGR) of 4.3% during 2023-2028.

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 2023-2028. 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:

How has the global silicone coating market performed so far and how will it perform in the coming years?

What has been the impact of COVID-19 on the global silicone coating market?

What are the key regional markets?

What is the breakup of the market based on the product?

What is the breakup of the market based on the technology?

What is the breakup of the market based on the application?

What are the various stages in the value chain of the industry?

What are the key driving factors and challenges in the industry?

What is the structure of the global silicone coating market and who are the key players?
What is the degree of competition in the industry?

Contents

1 PREFACE

2 SCOPE AND METHODOLOGY

- 2.1 Objectives of the Study
- 2.2 Stakeholders
- 2.3 Data Sources
 - 2.3.1 Primary Sources
 - 2.3.2 Secondary Sources
- 2.4 Market Estimation
 - 2.4.1 Bottom-Up Approach
 - 2.4.2 Top-Down Approach
- 2.5 Forecasting Methodology

3 EXECUTIVE SUMMARY

4 INTRODUCTION

- 4.1 Overview
- 4.2 Key Industry Trends

5 GLOBAL SILICONE COATING MARKET

- 5.1 Market Overview
- 5.2 Market Performance
- 5.3 Impact of COVID-19
- 5.4 Market Forecast

6 MARKET BREAKUP BY PRODUCT

- 6.1 Silicone Additives
 - 6.1.1 Market Trends
 - 6.1.2 Market Forecast
- 6.2 Silicone Water Repellents
 - 6.2.1 Market Trends
 - 6.2.2 Market Forecast
- 6.3 Silicone Polymers

- 6.3.1 Market Trends
- 6.3.2 Market Forecast
- 6.4 100% Silicone
 - 6.4.1 Market Trends
 - 6.4.2 Market Forecast

7 MARKET BREAKUP BY TECHNOLOGY

- 7.1 Solvent-Based
 - 7.1.1 Market Trends
 - 7.1.2 Market Forecast
- 7.2 Solventless
 - 7.2.1 Market Trends
 - 7.2.2 Market Forecast
- 7.3 Water-Based
 - 7.3.1 Market Trends
 - 7.3.2 Market Forecast
- 7.4 Powder-Based
 - 7.4.1 Market Trends
 - 7.4.2 Market Forecast

8 MARKET BREAKUP BY APPLICATION

- 8.1 Building and Construction
 - 8.1.1 Market Trends
 - 8.1.2 Market Forecast
- 8.2 Consumer Goods
 - 8.2.1 Market Trends
 - 8.2.2 Market Forecast
- 8.3 Automotive and Transportation
 - 8.3.1 Market Trends
 - 8.3.2 Market Forecast
- 8.4 Others
 - 8.4.1 Market Trends
 - 8.4.2 Market Forecast

9 MARKET BREAKUP BY REGION

- 9.1 North America

- 9.1.1 United States
 - 9.1.1.1 Market Trends
 - 9.1.1.2 Market Forecast
- 9.1.2 Canada
 - 9.1.2.1 Market Trends
 - 9.1.2.2 Market Forecast
- 9.2 Asia-Pacific
 - 9.2.1 China
 - 9.2.1.1 Market Trends
 - 9.2.1.2 Market Forecast
 - 9.2.2 Japan
 - 9.2.2.1 Market Trends
 - 9.2.2.2 Market Forecast
 - 9.2.3 India
 - 9.2.3.1 Market Trends
 - 9.2.3.2 Market Forecast
 - 9.2.4 South Korea
 - 9.2.4.1 Market Trends
 - 9.2.4.2 Market Forecast
 - 9.2.5 Australia
 - 9.2.5.1 Market Trends
 - 9.2.5.2 Market Forecast
 - 9.2.6 Indonesia
 - 9.2.6.1 Market Trends
 - 9.2.6.2 Market Forecast
 - 9.2.7 Others
 - 9.2.7.1 Market Trends
 - 9.2.7.2 Market Forecast
- 9.3 Europe
 - 9.3.1 Germany
 - 9.3.1.1 Market Trends
 - 9.3.1.2 Market Forecast
 - 9.3.2 France
 - 9.3.2.1 Market Trends
 - 9.3.2.2 Market Forecast
 - 9.3.3 United Kingdom
 - 9.3.3.1 Market Trends
 - 9.3.3.2 Market Forecast
 - 9.3.4 Italy

- 9.3.4.1 Market Trends
- 9.3.4.2 Market Forecast
- 9.3.5 Spain
 - 9.3.5.1 Market Trends
 - 9.3.5.2 Market Forecast
- 9.3.6 Russia
 - 9.3.6.1 Market Trends
 - 9.3.6.2 Market Forecast
- 9.3.7 Others
 - 9.3.7.1 Market Trends
 - 9.3.7.2 Market Forecast
- 9.4 Latin America
 - 9.4.1 Brazil
 - 9.4.1.1 Market Trends
 - 9.4.1.2 Market Forecast
 - 9.4.2 Mexico
 - 9.4.2.1 Market Trends
 - 9.4.2.2 Market Forecast
 - 9.4.3 Others
 - 9.4.3.1 Market Trends
 - 9.4.3.2 Market Forecast
- 9.5 Middle East and Africa
 - 9.5.1 Market Trends
 - 9.5.2 Market Breakup by Country
 - 9.5.3 Market Forecast

10 SWOT ANALYSIS

- 10.1 Overview
- 10.2 Strengths
- 10.3 Weaknesses
- 10.4 Opportunities
- 10.5 Threats

11 VALUE CHAIN ANALYSIS

12 PORTERS FIVE FORCES ANALYSIS

- 12.1 Overview

- 12.2 Bargaining Power of Buyers
- 12.3 Bargaining Power of Suppliers
- 12.4 Degree of Competition
- 12.5 Threat of New Entrants
- 12.6 Threat of Substitutes

13 PRICE ANALYSIS

14 COMPETITIVE LANDSCAPE

- 14.1 Market Structure
- 14.2 Key Players
- 14.3 Profiles of Key Players
 - 14.3.1 AFCONA Chemicals Sdn Bhd
 - 14.3.1.1 Company Overview
 - 14.3.1.2 Product Portfolio
 - 14.3.2 BASF SE
 - 14.3.2.1 Company Overview
 - 14.3.2.2 Product Portfolio
 - 14.3.2.3 Financials
 - 14.3.2.4 SWOT Analysis
 - 14.3.3 Borchers Inc. (Milliken & Company)
 - 14.3.3.1 Company Overview
 - 14.3.3.2 Product Portfolio
 - 14.3.4 Chase Corporation
 - 14.3.4.1 Company Overview
 - 14.3.4.2 Product Portfolio
 - 14.3.4.3 Financials
 - 14.3.5 CHT Germany GmbH
 - 14.3.5.1 Company Overview
 - 14.3.5.2 Product Portfolio
 - 14.3.6 Dow Inc.
 - 14.3.6.1 Company Overview
 - 14.3.6.2 Product Portfolio
 - 14.3.6.3 Financials
 - 14.3.6.4 SWOT Analysis
 - 14.3.7 Evonik Industries AG
 - 14.3.7.1 Company Overview
 - 14.3.7.2 Product Portfolio

- 14.3.7.3 Financials
- 14.3.7.4 SWOT Analysis
- 14.3.8 Lakma Group
 - 14.3.8.1 Company Overview
 - 14.3.8.2 Product Portfolio
- 14.3.9 Momentive Performance Materials Inc.
 - 14.3.9.1 Company Overview
 - 14.3.9.2 Product Portfolio
- 14.3.10 Shin-Etsu Chemical Co. Ltd.
 - 14.3.10.1 Company Overview
 - 14.3.10.2 Product Portfolio
 - 14.3.10.3 Financials
 - 14.3.10.4 SWOT Analysis
- 14.3.11 Wacker Chemie AG
 - 14.3.11.1 Company Overview
 - 14.3.11.2 Product Portfolio
 - 14.3.11.3 Financials
 - 14.3.11.4 SWOT Analysis

List Of Tables

LIST OF TABLES

Table 1: Global: Silicone Coating Market: Key Industry Highlights, 2022 and 2028

Table 2: Global: Silicone Coating Market Forecast: Breakup by Product (in Million US\$), 2023-2028

Table 3: Global: Silicone Coating Market Forecast: Breakup by Technology (in Million US\$), 2023-2028

Table 4: Global: Silicone Coating Market Forecast: Breakup by Application (in Million US\$), 2023-2028

Table 5: Global: Silicone Coating Market Forecast: Breakup by Region (in Million US\$), 2023-2028

Table 6: Global: Silicone Coating Market: Competitive Structure

Table 7: Global: Silicone Coating Market: Key Players

List Of Figures

LIST OF FIGURES

Figure 1: Global: Silicone Coating Market: Major Drivers and Challenges

Figure 2: Global: Silicone Coating Market: Sales Value (in Billion US\$), 2017-2022

Figure 3: Global: Silicone Coating Market Forecast: Sales Value (in Billion US\$), 2023-2028

Figure 4: Global: Silicone Coating Market: Breakup by Product (in %), 2022

Figure 5: Global: Silicone Coating Market: Breakup by Technology (in %), 2022

Figure 6: Global: Silicone Coating Market: Breakup by Application (in %), 2022

Figure 7: Global: Silicone Coating Market: Breakup by Region (in %), 2022

Figure 8: Global: Silicone Coating (Silicone Additives) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 9: Global: Silicone Coating (Silicone Additives) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 10: Global: Silicone Coating (Silicone Water Repellents) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 11: Global: Silicone Coating (Silicone Water Repellents) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 12: Global: Silicone Coating (Silicone Polymers) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 13: Global: Silicone Coating (Silicone Polymers) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 14: Global: Silicone Coating (100% Silicone) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 15: Global: Silicone Coating (100% Silicone) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 16: Global: Silicone Coating (Solvent-Based) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 17: Global: Silicone Coating (Solvent-Based) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 18: Global: Silicone Coating (Solventless) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 19: Global: Silicone Coating (Solventless) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 20: Global: Silicone Coating (Water-Based) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 21: Global: Silicone Coating (Water-Based) Market Forecast: Sales Value (in

Million US\$), 2023-2028

Figure 22: Global: Silicone Coating (Powder-Based) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 23: Global: Silicone Coating (Powder-Based) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 24: Global: Silicone Coating (Building and Construction) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 25: Global: Silicone Coating (Building and Construction) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 26: Global: Silicone Coating (Consumer Goods) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 27: Global: Silicone Coating (Consumer Goods) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 28: Global: Silicone Coating (Automotive and Transportation) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 29: Global: Silicone Coating (Automotive and Transportation) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 30: Global: Silicone Coating (Other Applications) Market: Sales Value (in Million US\$), 2017 & 2022

Figure 31: Global: Silicone Coating (Other Applications) Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 32: North America: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 33: North America: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 34: United States: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 35: United States: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 36: Canada: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 37: Canada: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 38: Asia-Pacific: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 39: Asia-Pacific: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 40: China: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 41: China: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 42: Japan: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 43: Japan: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 44: India: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 45: India: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 46: South Korea: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 47: South Korea: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 48: Australia: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 49: Australia: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 50: Indonesia: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 51: Indonesia: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 52: Others: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 53: Others: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 54: Europe: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 55: Europe: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 56: Germany: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 57: Germany: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 58: France: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 59: France: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 60: United Kingdom: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 61: United Kingdom: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 62: Italy: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 63: Italy: Silicone Coating Market Forecast: Sales Value (in Million US\$), 2023-2028

Figure 64: Spain: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 65: Spain: Silicone Coating Market Forecast: Sales Value (in Million US\$),

2023-2028

Figure 66: Russia: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 67: Russia: Silicone Coating Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 68: Others: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 69: Others: Silicone Coating Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 70: Latin America: Silicone Coating Market: Sales Value (in Million US\$), 2017 &
2022

Figure 71: Latin America: Silicone Coating Market Forecast: Sales Value (in Million
US\$), 2023-2028

Figure 72: Brazil: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 73: Brazil: Silicone Coating Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 74: Mexico: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 75: Mexico: Silicone Coating Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 76: Others: Silicone Coating Market: Sales Value (in Million US\$), 2017 & 2022

Figure 77: Others: Silicone Coating Market Forecast: Sales Value (in Million US\$),
2023-2028

Figure 78: Middle East and Africa: Silicone Coating Market: Sales Value (in Million
US\$), 2017 & 2022

Figure 79: Middle East and Africa: Silicone Coating Market: Breakup by Country (in %),
2022

Figure 80: Middle East and Africa: Silicone Coating Market Forecast: Sales Value (in
Million US\$), 2023-2028

Figure 81: Global: Silicone Coating Industry: SWOT Analysis

Figure 82: Global: Silicone Coating Industry: Value Chain Analysis

Figure 83: Global: Silicone Coating Industry: Porter's Five Forces Analysis

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