

Global Silicones and Siloxanes Market Report and Forecast 2023-2028

Market Report | 2023-10-20 | 187 pages | EMR Inc.

AVAILABLE LICENSES:

- Single User License \$2999.00
- Five User License \$3999.00
- Corporate License \$4999.00

Report description:

Global Silicones and Siloxanes Market Report and Forecast 2023-2028

Market Outlook

According to the report by Expert Market Research (EMR), the global silicones market reached a volume of about 5.89 million tons in 2022, whereas the global siloxanes market approximated a volume of nearly 3.48 million tons in 2023. Aided by their unique chemical properties and adaptability, the global silicones market is projected to further grow at a CAGR of 5.3% between 2023 and 2028 to reach a volume of 3.73 million tons by 2028. Meanwhile, the global siloxanes market is anticipated to further grow at a CAGR of 5.8% in the forecast period of 2023 and 2028, to attain a volume of about 8.23 million tons by 2028.

Silicones and siloxanes, commonly derived from quartz and sand, are synthetic polymers known for their versatile characteristics including flexibility, water resistance, low toxicity, and thermal stability. These compounds find their utility in a plethora of products, spanning from medical devices, cosmetics, and personal care items to automotive, electronics, and construction materials.

The silicones and siloxanes market demand is primarily driven by the burgeoning automotive and electronics industries. As manufacturers seek materials that are durable, lightweight, and resistant to varying conditions, silicones and siloxanes have emerged as the materials of choice. Their heat resistance and insulating properties make them particularly valuable in electronic devices, ensuring protection and longevity.

Additionally, the booming construction sector has extensively incorporated silicones and siloxanes in sealants, adhesives, and coatings, owing to their ability to offer weather resistance, durability, and flexibility. Their application ensures longevity and energy efficiency in buildings, further bolstering silicones and siloxanes market growth.

The cosmetic and personal care industry too has displayed an increased affinity for silicones and siloxanes. Their properties of enhancing spreadability, adding shine, and providing a silky texture make them indispensable in products like lotions, hair care products, and cosmetics. Furthermore, they play a pivotal role in medical applications, where their biocompatibility and flexibility make them ideal for implants, medical tools, and devices.

Emerging technological advancements have resulted in the creation of newer and more efficient forms of silicones and siloxanes, thus expanding their potential applications. Innovations like liquid silicone rubber (LSR) are gaining traction, especially in the healthcare sector, due to their biocompatibility and resilience.

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

Furthermore, the rise of research and development activities in the sector promises the emergence of innovative applications and products. Investments in understanding the intricate properties of silicones and siloxanes and tailoring them for specific applications can be anticipated, further influencing the silicones and siloxanes market outlook.

Market Segmentation

The silicones market can be divided based on type, application, and region.

Market Breakup by Type

- Elastomers
- Fluids
- Resins
- Gels

Market Breakup by Application

- Industrial Applications
- Construction Materials
- Home and Personal Care
- Transportation
- Energy
- Healthcare
- Electronics
- Others

The siloxanes market can be divided based on type, application, and region.

Market Breakup by Type

- Linear
- Cyclic

Market Breakup by Application

- Silicones
- Others

Market Breakup by Region

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

Competitive Landscape

The EMR report looks into the market shares, plant turnarounds, capacities, investments, and mergers and acquisitions, among other major developments, of the leading companies operating in the global silicones and siloxanes market. Some of the major players explored in the report by Expert Market Research are as follows:

- Dow Chemical Company
- Wacker Chemie AG
- Momentive Performance Materials Inc.
- Shin-Etsu Chemical Co., Ltd.
- Elkem Silicones
- Others

About Us

Acquire unparalleled access to critical industry insights with our comprehensive market research reports, meticulously prepared by a team of seasoned experts. These reports are designed to equip decision-makers with an in-depth understanding of prevailing market trends, competitive landscapes, and growth opportunities.

Our high-quality, data-driven analysis provide the essential framework for organisations seeking to make informed and strategic

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

decisions in an increasingly complex and rapidly evolving business environment. By investing in our market research reports, you can ensure your organisation remains agile, proactive, and poised for success in today's competitive market.

Don't miss the opportunity to elevate your business intelligence and strengthen your strategic planning. Secure your organisation's future success by acquiring one of our Expert Market Research reports today.

*We at Expert Market Research always strive to provide you with the latest information. The numbers in the article are only indicative and may be different from the actual report.

Table of Contents:

- 1 Preface
- 2 Report Coverage - Key Segmentation and Scope
- 3 Report Description
 - 3.1 Market Definition and Outlook
 - 3.2 Properties and Applications
 - 3.3 Market Analysis
 - 3.4 Key Players
- 4 Key Assumptions
- 5 Executive Summary
 - 5.1 Overview
 - 5.2 Key Drivers
 - 5.3 Key Developments
 - 5.4 Competitive Structure
 - 5.5 Key Industrial Trends
- 6 Snapshot
 - 6.1 Global
 - 6.2 Regional
- 7 Industry Opportunities and Challenges
- 8 Global Silicones Market Analysis
 - 8.1 Key Industry Highlights
 - 8.2 Global Silicones Historical Market (2018-2022)
 - 8.3 Global Silicones Market Forecast (2023-2028)
 - 8.4 Global Silicones Market by Type
 - 8.4.1 Elastomers
 - 8.4.1.1 Market Share
 - 8.4.1.2 Historical Trend (2018-2022)
 - 8.4.1.3 Forecast Trend (2023-2028)
 - 8.4.2 Fluids
 - 8.4.2.1 Market Share
 - 8.4.2.2 Historical Trend (2018-2022)
 - 8.4.2.3 Forecast Trend (2023-2028)
 - 8.4.3 Resins
 - 8.4.3.1 Market Share
 - 8.4.3.2 Historical Trend (2018-2022)
 - 8.4.3.3 Forecast Trend (2023-2028)
 - 8.4.4 Gels
 - 8.4.4.1 Market Share
 - 8.4.4.2 Historical Trend (2018-2022)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 8.4.4.3 Forecast Trend (2023-2028)
- 8.5 Global Silicones Market by Application
 - 8.5.1 Industrial Applications
 - 8.5.1.1 Market Share
 - 8.5.1.2 Historical Trend (2018-2022)
 - 8.5.1.3 Forecast Trend (2023-2028)
 - 8.5.2 Construction Materials
 - 8.5.2.1 Market Share
 - 8.5.2.2 Historical Trend (2018-2022)
 - 8.5.2.3 Forecast Trend (2023-2028)
 - 8.5.3 Home and Personal Care
 - 8.5.3.1 Market Share
 - 8.5.3.2 Historical Trend (2018-2022)
 - 8.5.3.3 Forecast Trend (2023-2028)
 - 8.5.4 Transportation
 - 8.5.4.1 Market Share
 - 8.5.4.2 Historical Trend (2018-2022)
 - 8.5.4.3 Forecast Trend (2023-2028)
 - 8.5.5 Energy
 - 8.5.5.1 Market Share
 - 8.5.5.2 Historical Trend (2018-2022)
 - 8.5.5.3 Forecast Trend (2023-2028)
 - 8.5.6 Healthcare
 - 8.5.6.1 Market Share
 - 8.5.6.2 Historical Trend (2018-2022)
 - 8.5.6.3 Forecast Trend (2023-2028)
 - 8.5.7 Electronics
 - 8.5.7.1 Market Share
 - 8.5.7.2 Historical Trend (2018-2022)
 - 8.5.7.3 Forecast Trend (2023-2028)
 - 8.5.8 Others
- 8.6 Global Silicones Market by Region
 - 8.6.1 Market Share
 - 8.6.1.1 North America
 - 8.6.1.2 Europe
 - 8.6.1.3 Asia Pacific
 - 8.6.1.4 Latin America
 - 8.6.1.5 Middle East and Africa
- 9 Global Siloxanes Market Analysis
 - 9.1 Key Industry Highlights
 - 9.2 Global Siloxanes Historical Market (2018-2022)
 - 9.3 Global Siloxanes Market Forecast (2023-2028)
 - 9.4 Global Siloxanes Market by Type
 - 9.4.1 Linear
 - 9.4.1.1 Market Share
 - 9.4.1.2 Historical Trend (2018-2022)
 - 9.4.1.3 Forecast Trend (2023-2028)

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 9.4.2 Cyclic
 - 9.4.2.1 Market Share
 - 9.4.2.2 Historical Trend (2018-2022)
 - 9.4.2.3 Forecast Trend (2023-2028)
- 9.5 Global Siloxanes Market by Application
 - 9.5.1 Silicones
 - 9.5.1.1 Market Share
 - 9.5.1.2 Historical Trend (2018-2022)
 - 9.5.1.3 Forecast Trend (2023-2028)
 - 9.5.2 Others
 - 9.5.2.1 Market Share
 - 9.5.2.2 Historical Trend (2018-2022)
 - 9.5.2.3 Forecast Trend (2023-2028)
- 9.6 Global Siloxanes Market by Region
 - 9.6.1 Market Share
 - 9.6.1.1 North America
 - 9.6.1.2 Europe
 - 9.6.1.3 Asia Pacific
 - 9.6.1.4 Latin America
 - 9.6.1.5 Middle East and Africa
- 10 Regional Analysis
 - 10.1 North America
 - 10.1.1 Historical Trend (2018-2022)
 - 10.1.2 Forecast Trend (2023-2028)
 - 10.1.3 Breakup by Country
 - 10.1.3.1 United States of America
 - 10.1.3.2 Canada
 - 10.2 Europe
 - 10.2.1 Historical Trend (2018-2022)
 - 10.2.2 Forecast Trend (2023-2028)
 - 10.2.3 Breakup by Country
 - 10.2.3.1 United Kingdom
 - 10.2.3.2 Germany
 - 10.2.3.3 France
 - 10.2.3.4 Italy
 - 10.2.3.5 Others
 - 10.3 Asia Pacific
 - 10.3.1 Historical Market (2018-2022)
 - 10.3.2 Market Forecast (2023-2028)
 - 10.3.3 Breakup by Country
 - 10.3.3.1 China
 - 10.3.3.2 Japan
 - 10.3.3.3 India
 - 10.3.3.4 ASEAN
 - 10.3.3.5 Australia
 - 10.3.3.6 Others
 - 10.4 Latin America

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 10.4.1 Historical Trend (2018-2022)
- 10.4.2 Forecast Trend (2023-2028)
- 10.4.3 Breakup by Country
 - 10.4.3.1 Brazil
 - 10.4.3.2 Argentina
 - 10.4.3.3 Mexico
 - 10.4.3.4 Others
- 10.5 Middle East and Africa
 - 10.5.1 Historical Trend (2018-2022)
 - 10.5.2 Forecast Trend (2023-2028)
 - 10.5.3 Breakup by Country
 - 10.5.3.1 Saudi Arabia
 - 10.5.3.2 United Arab Emirates
 - 10.5.3.3 Nigeria
 - 10.5.3.4 South Africa
 - 10.5.3.5 Others
- 11 Market Dynamics
 - 11.1 SWOT Analysis
 - 11.1.1 Strengths
 - 11.1.2 Weaknesses
 - 11.1.3 Opportunities
 - 11.1.4 Threats
 - 11.2 Porter's Five Forces Analysis
 - 11.2.1 Supplier's Power
 - 11.2.2 Buyers Power
 - 11.2.3 Threat of New Entrants
 - 11.2.4 Degree of Rivalry
 - 11.2.5 Threat of Substitutes
 - 11.3 Key Indicators for Demand
 - 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Trade Data Analysis
 - 13.1 Major Importing Countries
 - 13.1.1 By Volume
 - 13.1.2 By Value
 - 13.2 Major Exporting Countries
 - 13.2.1 By Volume
 - 13.2.2 By Value
- 14 Silicones Price Analysis
 - 14.1 North America Historical Price Trends (2018-2022) and Forecast (2023-2028)
 - 14.2 Europe Historical Price Trends (2018-2022) and Forecast (2023-2028)
 - 14.3 Asia Pacific Historical Price Trends (2018-2022) and Forecast (2023-2028)
 - 14.4 Latin America Historical Price Trends (2018-2022) and Forecast (2023-2028)
 - 14.5 Middle East and Africa Historical Price Trends (2018-2022) and Forecast (2023-2028)
- 15 Competitive Landscape
 - 15.1 Market Structure
 - 15.2 Company Profiles

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com

- 15.2.1 Dow Chemical Company
 - 15.2.1.1 Company Overview
 - 15.2.1.2 Product Portfolio
 - 15.2.1.3 Demographic Reach and Achievements
 - 15.2.1.4 Financial Summary
 - 15.2.1.5 Certifications
 - 15.2.2 Wacker Chemie AG
 - 15.2.2.1 Company Overview
 - 15.2.2.2 Product Portfolio
 - 15.2.2.3 Demographic Reach and Achievements
 - 15.2.2.4 Financial Summary
 - 15.2.2.5 Certifications
 - 15.2.3 Momentive Performance Materials Inc.
 - 15.2.3.1 Company Overview
 - 15.2.3.2 Product Portfolio
 - 15.2.3.3 Demographic Reach and Achievements
 - 15.2.3.4 Financial Summary
 - 15.2.3.5 Certifications
 - 15.2.4 Shin-Etsu Chemical Co., Ltd.
 - 15.2.4.1 Company Overview
 - 15.2.4.2 Product Portfolio
 - 15.2.4.3 Demographic Reach and Achievements
 - 15.2.4.4 Financial Summary
 - 15.2.4.5 Certifications
 - 15.2.5 Elkem Silicones
 - 15.2.5.1 Company Overview
 - 15.2.5.2 Product Portfolio
 - 15.2.5.3 Demographic Reach and Achievements
 - 15.2.5.4 Financial Summary
 - 15.2.5.5 Certifications
 - 15.2.6 Others
- 16 Key Trends and Developments in the Market

Global Silicones and Siloxanes Market Report and Forecast 2023-2028

Market Report | 2023-10-20 | 187 pages | EMR Inc.

To place an Order with Scotts International:

- ☐ - Print this form
- ☐ - Complete the relevant blank fields and sign
- ☐ - Send as a scanned email to support@scotts-international.com

ORDER FORM:

Select license	License	Price
	Single User License	\$2999.00
	Five User License	\$3999.00
	Corporate License	\$4999.00
		VAT
		Total

*Please circle the relevant license option. For any questions please contact support@scotts-international.com or 0048 603 394 346.

☐ ** VAT will be added at 23% for Polish based companies, individuals and EU based companies who are unable to provide a valid EU Vat Numbers.

Email*	<input type="text"/>	Phone*	<input type="text"/>
First Name*	<input type="text"/>	Last Name*	<input type="text"/>
Job title*	<input type="text"/>		
Company Name*	<input type="text"/>	EU Vat / Tax ID / NIP number*	<input type="text"/>
Address*	<input type="text"/>	City*	<input type="text"/>
Zip Code*	<input type="text"/>	Country*	<input type="text"/>
		Date	<input type="text" value="2025-05-05"/>
		Signature	<input type="text"/>

Scotts International. EU Vat number: PL 6772247784

tel. 0048 603 394 346 e-mail: support@scotts-international.com

www.scotts-international.com