

## **North America Silicones Market Report and Forecast 2024-2032**

Market Report | 2024-02-06 | 190 pages | EMR Inc.

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### **Report description:**

North America Silicones Market Report and Forecast 2024-2032

Market Outlook

According to the report by Expert Market Research (EMR), the North America silicones market is projected to grow at a CAGR of 3.7% between 2024 and 2032. Aided by the increasing applications of silicones across various industries and the wide-ranging applications of silicones in various industries and the region's technological advancements, the market is expected to grow significantly by 2032.

Silicones, composed of silicon, oxygen, carbon, and hydrogen, are polymers known for their flexibility, heat resistance, and water repellence. They are extensively used in sectors such as electronics, automotive, healthcare, construction, and personal care. The unique properties of silicones, such as thermal stability, low toxicity, and electrical insulation, make them highly valuable in diverse industrial applications.

The electronics sector is a significant driver of the North America silicones market growth. The region, particularly the United States, is a hub for technological innovation and production in electronics. Silicones are essential in this sector for applications like insulation, sealants, and thermal management solutions in various electronic devices.

The automotive industry also contributes substantially to the silicones market in North America. The demand for high-performance and durable automotive parts, such as gaskets, hoses, and sealants, has increased, with silicones being the material of choice due to their durability and heat resistance. The evolving automotive sector, with a growing focus on electric vehicles, further propels the North America silicones market demand.

Another key factor driving the market is the burgeoning construction industry. Silicones are widely used in construction for sealants, adhesives, and coatings, contributing to the energy efficiency and durability of buildings. The ongoing urbanisation and infrastructural developments in North American countries bolster the demand for silicones in construction applications.

The healthcare sector further influences the North America silicones market outlook. Given their biocompatibility and stability, silicones are extensively used in medical devices and implants. The growing healthcare industry, driven by an aging population and advanced medical technologies, augments the demand for medical-grade silicones.

Looking forward, the market is set for continued growth, fuelled by innovation and technological advancements in silicone production and application. The market is expected to witness an increased focus on sustainable and high-performance silicone

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products, aligning with the global trend towards environmental sustainability.

#### Market Segmentation

The market can be divided based on type, application, segment, and country.

#### Market Breakup by Type

- Elastomers

- Fluids

- Gels

- Resins

#### Market Breakup by Application

- Industrial Process

- Construction Materials

- Home and Personal Care

- Transportation

- Energy

- Healthcare

- Electronics

- Others

#### Market Breakup by Segment

- D5

- Emulsion

#### Market Breakup by Country

- United States

- Canada

#### 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 North America silicones market. Some of the major players explored in the report by Expert Market Research are as follows:

- Elkem Silicones

- Wacker Chemie AG

- Dow Chemical Company

- Evonik Industries AG

- Momentive Performance Materials Inc.

- Siltech Corporation

- Others

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#### Table of Contents:

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- 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 Opportunities and Challenges in the Market
- 8 Global Silicones Market Overview
  - 8.1 Key Industry Highlights
  - 8.2 Global Silicones Historical Market (2018-2023)
  - 8.3 Global Silicones Market Forecast (2024-2032)
  - 8.4 Global Silicones Market by Region
    - 8.4.1 North America
    - 8.4.2 Europe
    - 8.4.3 Asia Pacific
    - 8.4.4 Latin America
    - 8.4.5 Middle East and Africa
- 9 North America Silicones Market Analysis
  - 9.1 Key Industry Highlights
  - 9.2 North America Silicones Historical Market (2018-2023)
  - 9.3 North America Silicones Market Forecast (2024-2032)
  - 9.4 North America Silicones Market by Type
    - 9.4.1 Elastomers
      - 9.4.1.1 Historical Trend (2018-2023)
      - 9.4.1.2 Forecast Trend (2024-2032)
    - 9.4.2 Fluids
      - 9.4.2.1 Historical Trend (2018-2023)
      - 9.4.2.2 Forecast Trend (2024-2032)
    - 9.4.3 Gels
      - 9.4.3.1 Historical Trend (2018-2023)
      - 9.4.3.2 Forecast Trend (2024-2032)
    - 9.4.4 Resins
      - 9.4.4.1 Historical Trend (2018-2023)
      - 9.4.4.2 Forecast Trend (2024-2032)
  - 9.5 North America Silicones Market by Application
    - 9.5.1 Industrial Process

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- 9.5.1.1 Historical Trend (2018-2023)
  - 9.5.1.2 Forecast Trend (2024-2032)
- 9.5.2 Construction Materials
  - 9.5.2.1 Historical Trend (2018-2023)
  - 9.5.2.2 Forecast Trend (2024-2032)
- 9.5.3 Home and Personal Care
  - 9.5.3.1 Historical Trend (2018-2023)
  - 9.5.3.2 Forecast Trend (2024-2032)
- 9.5.4 Transportation
  - 9.5.4.1 Historical Trend (2018-2023)
  - 9.5.4.2 Forecast Trend (2024-2032)
- 9.5.5 Energy
  - 9.5.5.1 Historical Trend (2018-2023)
  - 9.5.5.2 Forecast Trend (2024-2032)
- 9.5.6 Healthcare
  - 9.5.6.1 Historical Trend (2018-2023)
  - 9.5.6.2 Forecast Trend (2024-2032)
- 9.5.7 Electronics
  - 9.5.7.1 Historical Trend (2018-2023)
  - 9.5.7.2 Forecast Trend (2024-2032)
- 9.5.8 Others
- 9.6 North America Silicones Market by Segment
  - 9.6.1 D5
  - 9.6.2 Emulsion
- 9.7 North America Silicones Market by Country
  - 9.7.1 United States
  - 9.7.2 Canada
- 10 Regional Analysis
  - 10.1 United States
    - 10.1.1 Historical Trend (2018-2023)
    - 10.1.2 Forecast Trend (2024-2032)
  - 10.2 Canada
    - 10.2.1 Historical Trend (2018-2023)
    - 10.2.2 Forecast Trend (2024-2032)
- 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

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- 11.4 Key Indicators for Price
- 12 Value Chain Analysis
- 13 Trade Data Analysis (HS Code - 3910)
  - 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 Price Analysis
- 15 Competitive Landscape
  - 15.1 Market Structure
  - 15.2 Company Profiles
    - 15.2.1 Elkem Silicones
      - 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 Dow Chemical Company
      - 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 Evonik Industries AG
      - 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 Momentive Performance Materials Inc.
      - 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 Siltech Corporation
      - 15.2.6.1 Company Overview
      - 15.2.6.2 Product Portfolio
      - 15.2.6.3 Demographic Reach and Achievements

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- 15.2.6.4 Financial Summary
- 15.2.6.5 Certifications
- 15.2.7 Others
- 19 Key Trends and Developments in the Market

List of Key Figures and Tables

1. Global Silicones Market: Key Industry Highlights, 2018 and 2028
2. North America Silicones Market: Key Industry Highlights, 2018 and 2028
3. North America Silicones Historical Market: Breakup by Type (MMT), 2018-2023
4. North America Silicones Market Forecast: Breakup by Type (MMT), 2024-2032
5. North America Silicones Historical Market: Breakup by Application (MMT), 2018-2023
6. North America Silicones Market Forecast: Breakup by Application (MMT), 2024-2032
7. North America Silicones Historical Market: Breakup by Segment (MMT), 2018-2023
8. North America Silicones Market Forecast: Breakup by Segment (MMT), 2024-2032
9. North America Silicones Historical Market: Breakup by Country (MMT), 2018-2023
10. North America Silicones Market Forecast: Breakup by Country (MMT), 2024-2032
11. Major Importing Countries by Volume
12. Major Exporting Countries by Volume
13. Major Importing Countries by Value
14. Major Exporting Countries by Value
15. North America Silicones Market Structure

## North America Silicones Market Report and Forecast 2024-2032

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