

Global Silicones Market – Products and Applications

"The report reviews, analyzes and projects the global market for Silicones for the period 2016-2025. Silicone products analyzed in this study include silicone elastomers/rubbers, silicone fluids, silicone resins, and other silicones including gels, wax etc. The study also analyzes global silicones market by applications consisting of construction, electrical & electronics, energy, transportation, personal care & consumer products, healthcare, chemicals & plastics, oil & gas, industrial machinery, paper & textiles, and other applications."

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Report Synopsis

Versatile features of silicones make them ideal materials for the use in number of diverse applications including construction, electrical & electronics, energy, transportation, personal care, paper & textiles and others comprising healthcare. Silicones demand growth is primarily attributed by their increasing usage in construction applications globally, also the high demand for applications in transportation, healthcare and new energy sectors.

Construction sector leads the global volume market for silicones, forecast to be 639 thousand metric tons valued at US\$3.4 billion in 2019, which is projected to reach 823 thousand metric tons by 2025 at a fastest CAGR of 4.3% between 2019 and 2025. Overall Silicones market is estimated to reach 2.4 million metric tons in 2019.

- Silicones Still Deriving Maximum Benefit from the Construction Industry
- Demand for Liquid Silicone Rubber on the Upswing
- Silicone Biocompatibility a Boon for the Healthcare Industry
- Automotive Applications of Silicones Gain Traction
- Key business trends focusing on product innovations/developments, M&As, JVs and other recent industry developments
- Major companies profiled – 68
- The industry guide includes the contact details for 140 companies

Product Outline

The report analyzes the market for the following key product types of Silicones:

- Silicone Elastomers
- Silicone Fluids
- Silicone Resins
- Other Silicones

The Market for major applications of Silicones explored in this report comprise the following:

- Construction
- Electricals & Electronics
- Energy
- Transportation
- Personal Care & Consumer
- Healthcare
- Chemicals & Plastics
- Oil & Gas
- Industrial Machinery
- Paper & Textiles
- Other Applications

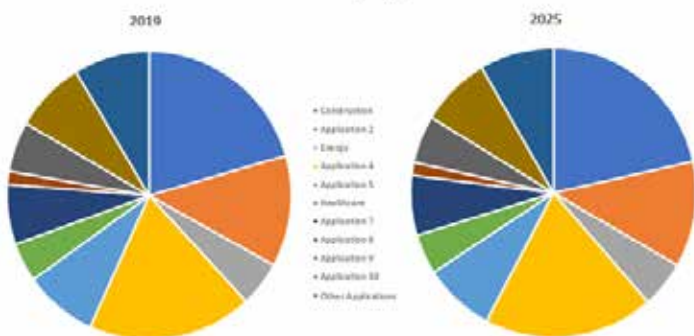
Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Silicones market for the period 2016-2025 in terms of volume in metric tons and value in US\$ and the compound annual growth rates (CAGRs) projected from 2019 through 2025

Geographic Coverage

- **North America** (The United States, Canada and Mexico)
- **Europe** (France, Germany, Italy, Russia, Spain, the United Kingdom and Rest of Europe)
- **Asia-Pacific** (China, India, Indonesia, Japan, South Korea, Taiwan and Rest of Asia-Pacific)
- **South America** (Brazil and Rest of South America)
- **Rest of World** (Turkey, UAE and Other Rest of World)

Global Silicones Market by Application 2019-2025



Source: Industry Experts, Inc. <http://industry-experts.com>

Research Findings & Coverage

- Worldwide market for Silicones is analyzed in this report with respect to product types and applications
- Silicones' market size is reported in this study by silicone product types and applications across all major countries

SAMPLE COMPANY PROFILE

ELKEM ASA (NORWAY)

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Business Overview

Established in 1904, Elkem ASA is a leading producer and supplier of silicon based metals and materials. Elkem is a fully-integrated producer with operations throughout the silicon value chain from quartz to silicon and downstream silicone specialties as well as specialty ferrosilicon alloys and carbon materials. Elkem operates through its four business units: Silicones, Silicon Materials, Foundry Products and Carbon. Elkem Silicones is one of the top manufacturers of silicone products worldwide. Elkem Silicones produces a wide range of silicone products including release coatings, engineering elastomers, specialty fluids, emulsions and resins for applications in diverse markets consisting of energy, cosmetics, electronics, aerospace, automotive manufacturing, construction, healthcare, mold-making, paper and textile coating, and personal care among others. Elkem Silicon Materials is engaged in the production and supply of silicon, microsilica, and other specialty products. Elkem's Foundry Products division is a producer of a range of magnesium ferrosilicon alloys, inoculants, specialty ferroalloys for steel, preconditioners, cover materials, recarburisers and inserts. Elkem Carbon division is a leading producer of carbon paste and specialty products to the ferroalloys, silicon and aluminum industries. Headquartered in Oslo, Norway, Elkem operates 27 production sites and sales offices across the globe, and is a wholly owned subsidiary of China National Bluestar Group.

Bluestar Silicones International was established in 2007, after the acquisition of Rhodia Silicones by China National Bluestar Corporation. Elkem was acquired by China National Bluestar in 2011. In 2015, Bluestar Silicones International was merged with Elkem, creating Elkem Silicones. Later in 2017, Elkem Silicones fully acquired Xinghou Silicones, a silicones producer in China. Elkem Silicones (formally Bluestar Silicones) division is now operating with a strong base comprising 2 upstream manufacturing sites, one located in Asia and one located in Europe, along with 8 downstream manufacturing sites and 10 R&D centers worldwide. Elkem Group (Norway) supplies raw materials to the Elkem Silicones Roussillon plant (France), where it produces chlorosilanes and then siloxanes. Siloxanes are then supplied to its downstream production plants across the world to be transformed into rubber silicone ingredients or compounds in the form of fluids, resins and elastomers. Elkem Silicones' headquarter is located in Lyon, France, and operates five plants in Europe (France, Spain, Germany, and Italy); tow plants in China; one plant in USA; and one plant in Brazil.

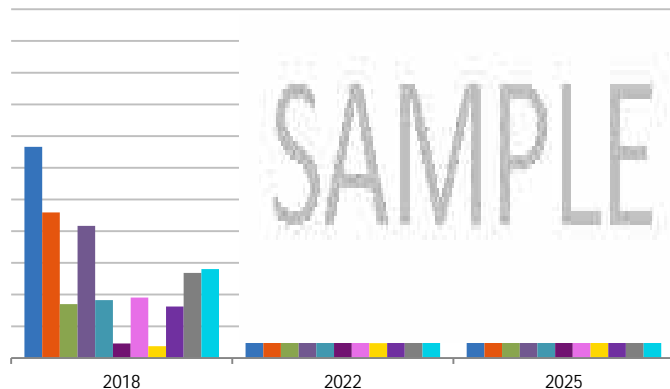
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SAMPLE TABLE/CHART

Glance at 2019 Global Silicones Value Market Share (%) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World



Asia-Pacific Silicones Market Analysis (2016-2025) by Application – Construction, Electricals & Electronics, Energy, Transportation, Personal Care & Consumer, Healthcare, Chemicals & Plastics, Oil & Gas, Industrial Machinery, Paper & Textiles and Others in USD Million



KEY PLAYERS PROFILED

- Avantor, Inc. (NuSil™)
- CHT Germany GmbH
- Dongyue Group Limited
- Elkem ASA
- Evonik Industries AG
- Gelest, Inc.
- KCC Corporation
- Momentive Performance Materials Inc.
- Shin-Etsu Chemical Co., Ltd.
- The Dow Chemical Company
- Wacker Chemie AG
- Zhejiang Hoshine Silicon Industry Co., Ltd.
- Zhejiang Sucon Silicone Co., Ltd.
- Zhejiang Xinan Chemical Industry Group Co., Ltd. (Wynca Group)

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About Industry Experts

Industry Experts’ market research, backed by years of experience and an analytical team dedicated to providing the most optimal business solutions, has been specifically designed to provide a variety of benefits, both current and future. Our leading-edge publications make the life easy for corporate strategists, investors, analysts and researchers, startups, consultants, financial and banking executives, academicians and many more. The company also provides customized research reports to cater the needs of the industry.

Business intelligence provides the critical link between comprehending prevailing market conditions and devising strategies to maximize parameters, such as revenues, profits and return on investment in order to gain market share. The significance of market research can be largely understood through the range of factors that impact businesses. These can comprise market size (current and projected), geographic market reach and demand and supply scenario, to name a few. Our ongoing quest to collect up to date and accurate information by conducting online surveys, personal interviews, taking the opinions of senior level executives will enable us to serve our clients better in every possible aspect.

More about Industry Experts



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