

# Silicone in Electrical and Electronics Market by Type (Fluids, Elastomers, Resins, and Gels) and End-Use Industry (Automotive, Consumer Electronics, Telecommunications, and Others) - Global Opportunity Analysis and Industry Forecast, 2017-2023

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## **Abstracts**

Silicones are durable materials that resist decay caused due to several adverse conditions, such as electromagnetic disturbances, moisture, and sunlight. Silicones bond with multiple materials, such as aluminum, steel, and plastics. Moreover, they have effectively proven to prevent humidity and hot & cold air in temperature-sensitive electronics, such as air conditioners and refrigerators. In addition, silicon rubbers are used in electronics industry, owing to its application of sealing, gasketing, and affixing components.

The market for silicone in electrical and electronics industry has witnessed a rapid growth in the past due to growth of electronics industry and increase in usage of silicone products by end use, such as automotive, consumer electronics, and telecommunication. The global silicone in electrical and electronics market was valued at \$1,708 million in 2016, and is projected to reach \$2,644 million by 2023, growing at a CAGR of 6.4% from 2017 to 2023. This is due to rapid growth of end use industries, increase in demand for silicone in electrical and electronics industry, and rapid consumption of silicone products.

Currently, the global silicone in electrical and electronics market witnesses a wide range of opportunities, owing to the increase in demand for silicone products among consumers. Moreover, increase in the use of silicone sealants & adhesives in consumer electronics enhances the weathering, radiation, and chemical resistance. Furthermore, rise in expenditure toward improvement of automotive & telecommunication structures



in emerging markets, such as China, India, and Korea, augments the use of silicone in the form of gaskets, sealants, and waterproofing materials in electronic applications. In addition, shear stability, low volatility, and lesser surface tension properties make silicone fluids and elastomers ideal for electronics industry. The global silicon in electronics market is segmented based on type, end use, and geography. Based on type, it is classified into fluids, elastomers, resins, and gels. The fluids segment dominated the global market in 2016, and is anticipated to maintain its dominance throughout the forecast period. Based on end use, the market is categorized into automotive, consumer electronics, telecommunications and others. Geographically, it is analyzed across North America, Europe, Asia-Pacific, and LAMEA. Asia-Pacific accounted for nearly one-third share of the total revenue in 2016, followed by Europe and Asia-Pacific.

Key market players have invested largely in R&D activities to develop advanced products to cater to the demand for end users. The major players in the silicon in electronics market include:

Silchem, Inc.
ICM Products, Inc.
Speciality Silicone Products Incorporated
Wacker-Chemie GmbH
Evonik Industries AG
Hutchinson
Kemira Oyj
Quantum Silicones
Kaneka Corporation
The Dow Corning Corporation

#### **KEY BENEFITS FOR STAKEHOLDERS**



The report provides an extensive analysis and qualitative & quantitative analysis of the current and emerging market trends, estimations, and opportunities in the global silicone in electrical and electronics industry during the forecast period.

Comprehensive analysis of factors that drive and restrict the growth of the market is provided in the report.

Comprehensive regional analysis of the market based on primary & secondary sources is provided.

Extensive analysis of the market is conducted by following key product benchmarking, positioning, and by monitoring the top competitors.

The report provides extensive qualitative insights on the significant segments or regions.

It provides key insights on strategic analysis of various companies and value chain analysis of the market.

Silicone in Electrical and Electronics Market Key Segments: By Type

Fluids

Elastomers

Resins

Gels

By End Use Industry

Automotive

**Consumer Electronics** 

Telecommunications



Others	5
By Geography	y
North	America
	U.S.
	Canada
	Mexico
Europ	e
	France
	Germany
	UK
	Spain
	Italy
	Rest of Europe
Asia-F	Pacific
	India
	China
	Japan
	Australia
	Wanna a

Korea



1 Cot of 7 Sia i adilio	Rest of	Asia-Pacific
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#### LAMEA

Brazil

KSA

South Africa

Rest of LAMEA

Other players in the value chain (profiles not included in the report) include:

Mesgo S.P.A.

Zhejiang Xinan Chemical Industrial Group Co., Ltd.

Reiss Manufacturing Inc.

**KCC** Corporation

Shin-Etsu Chemical Co., Ltd.

Momentive Performance Materials Inc.

Ashland Incorporated

CRI-SIL Silicone Technologies, LLC.

**CSL Silicones Incorporated** 

Elkay Sllicones

CHS incorporation

The above list of companies is not profiled in the report, but can be added based



on client interest.



## **Contents**

#### **CHAPTER 1. INTRODUCTION**

- 1.1. REPORT DESCRIPTION
- 1.2. KEY BENEFITS
- 1.3. KEY MARKET SEGMENT
- 1.4. RESEARCH METHODOLOGY
  - 1.4.1. Secondary Research
  - 1.4.2. Primary Research
  - 1.4.3. Analyst Tool & Model

#### **CHAPTER 2. EXECUTIVE SUMMARY**

- 2.1. MARKET SNAPSHOT
- 2.2. CXO PERSPECTIVES

#### **CHAPTER 3. MARKET OVERVIEW**

- 3.1. MARKET DEFINITION AND SCOPE
- 3.2. KEY FINDINGS
  - 3.2.1. Top Investment Pockets
  - 3.2.2. Top winning strategies
- 3.3. PORTERS FIVE FORCES ANALYSIS
- 3.4. MARKET DYNAMICS
  - 3.4.1. Drivers
    - 3.4.1.1. Increasing use in electrical and electronic applications
- 3.4.1.2. Increasing penetration of low volume Silicone in Electrical and Electronics Industry
- 3.4.1.3. Increasing use of Silicone in Electrical and Electronics Industry in construction additives
  - 3.4.2. Restraints
  - 3.4.2.1. Rising material costs
- 3.4.2.2. Harmful environmental impact of Silicone in Electrical and Electronics Industry
  - 3.4.3. Opportunities
    - 3.4.3.1. Increasing demand in industrial maintenance sector
- 3.4. MARKET SHARE ANALYSIS, 2015 (%)



# CHAPTER 4. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET, BY TYPE

#### 4.1. INTRODUCTION

- 4.1.1. Market Size and Forecast
- 4.2. FLUIDS
  - 4.2.1. Key Market Trends, Growth Factors and Opportunities
  - 4.2.2. Market Size and Forecast
- 4.3. ELASTOMERS
  - 4.3.1. Key Market Trends, Growth Factors and Opportunities
  - 4.3.2. Market Size and Forecast
- 4.4. RESINS
  - 4.4.1. Key Market Trends, Growth Factors and Opportunities
- 4.4.2. Market Size and Forecast
- 4.5. GELS
  - 4.5.1. Key Market Trends, Growth Factors and Opportunities
  - 4.5.2. Market Size and Forecast

# CHAPTER 5. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET, BY APPLICATION

- 5.1. INTRODUCTION
  - 5.1.1. Market Size and Forecast
- 5.2. AUTOMOTIVE
  - 5.2.1. Key Market Trends, Growth Factors and Opportunities
  - 5.2.2. Market Size and Forecast
- 5.3. CONSUMER ELECTRONICS
  - 5.3.1. Key Market Trends, Growth Factors and Opportunities
  - 5.3.2. Market Size and Forecast
- 5.4. TELECOMMUNICATION
  - 5.4.1. Key Market Trends, Growth Factors and Opportunities
  - 5.4.2. Market Size and Forecast
- 5.5. OTHERS
  - 5.5.1. Key Market Trends, Growth Factors and Opportunities
  - 5.5.2. Market Size and Forecast

# CHAPTER 6. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET, BY GEOGRAPHY



#### 6.1. INTRODUCTION

6.1.1. Market Size and Forecast

#### 6.2. NORTH AMERICA

- 6.2.1. Key Market Trends, Growth Factors and Opportunities
- 6.2.2. Market Size and Forecast
- 6.2.3. U.S.
- 6.2.3.1. Market size and forecast, by application
- 6.2.4. Canada
  - 6.2.4.1. Market size and forecast, by application
- 6.2.5. Mexico
  - 6.2.5.1. Market size and forecast, by application

#### 6.3. EUROPE

- 6.3.1. Key Market Trends, Growth Factors and Opportunities
- 6.3.2. Market Size and Forecast
- 6.3.3. Germany
- 6.3.3.1. Market size and forecast, by application
- 6.3.4. France
- 6.3.4.1. Market size and forecast, by application
- 6.3.5. UK
  - 6.3.5.1. Market size and forecast, by application
- 6.3.6. Spain
  - 6.3.6.1. Market size and forecast, by application
- 6.3.7. Italy
  - 6.3.7.1. Market size and forecast, by application
- 6.3.8. Rest of Europe
  - 6.3.8.1. Market size and forecast, by application

#### 6.4. ASIA-PACIFIC

- 6.4.1. Key Market Trends, Growth Factors and Opportunities
- 6.4.2. Market Size and Forecast
- 6.4.3. India
- 6.4.3.1. Market size and forecast, by application
- 6.4.4. China
  - 6.4.4.1. Market size and forecast, by application
- 6.4.5. Japan
  - 6.4.5.1. Market size and forecast, by application
- 6.4.6. Australia
  - 6.4.6.1. Market size and forecast, by application
- 6.4.7. Korea
- 6.4.7.1. Market size and forecast, by application



- 6.4.8. Rest of Asia-Pacific
  - 6.4.8.1. Market size and forecast, by application
- 6.5. LAMEA
  - 6.5.1. Key Market Trends, Growth Factors and Opportunities
  - 6.5.2. Market Size and Forecast
  - 6.5.3. Brazil
  - 6.5.3.1. Market size and forecast, by application
  - 6.5.4. KSA
    - 6.5.4.1. Market size and forecast, by application
  - 6.5.5. South Africa
    - 6.5.5.1. Market size and forecast, by application
  - 6.5.6. Rest of LAMEA
    - 6.5.6.1. Market size and forecast, by application

#### **CHAPTER 7. COMPANY PROFILES**

- 7.1. SILCHEM INC.
  - 7.1.1. Company Overview
  - 7.1.2. Company Snapshot
  - 7.1.3. Operating Business Segments
  - 7.1.4. Business Performance
  - 7.1.5. Key Strategic Moves and Developments
- 7.2. ICM PRODUCTS, INC.
  - 7.2.1. Company Overview
  - 7.2.2. Company Snapshot
  - 7.2.3. Operating Business Segments
  - 7.2.4. Business Performance
  - 7.2.5. Key Strategic Moves and Developments
- 7.3. SPECIALTY SILICONE PRODUCTS INCORPORATED
  - 7.3.1. Company Overview
  - 7.3.2. Company Snapshot
  - 7.3.3. Operating Business Segments
  - 7.3.4. Business Performance
  - 7.3.5. Key Strategic Moves and Developments
- 7.4. WACKER CHEMIE GMBH
  - 7.4.1. Company Overview
  - 7.4.2. Company Snapshot
  - 7.4.3. Operating Business Segments
  - 7.4.4. Business Performance



#### 7.4.5. Key Strategic Moves and Developments

#### 7.5. EVONIK INDUSTRIES AG

- 7.5.1. Company Overview
- 7.5.2. Company Snapshot
- 7.5.3. Operating Business Segments
- 7.5.4. Business Performance
- 7.5.5. Key Strategic Moves and Developments

#### 7.6. HUTCHINSON

- 7.6.1. Company Overview
- 7.6.2. Company Snapshot
- 7.6.3. Operating Business Segments
- 7.6.4. Business Performance
- 7.6.5. Key Strategic Moves and Developments

#### 7.7. KEMIRA OYJ

- 7.7.1. Company Overview
- 7.7.2. Company Snapshot
- 7.7.3. Operating Business Segments
- 7.7.4. Business Performance
- 7.7.5. Key Strategic Moves and Developments

#### 7.8. QUANTUM SILICONES

- 7.8.1. Company Overview
- 7.8.2. Company Snapshot
- 7.8.3. Operating Business Segments
- 7.8.4. Business Performance
- 7.8.5. Key Strategic Moves and Developments

#### 7.9. KANEKA CORPORATION

- 7.9.1. Company Overview
- 7.9.2. Company Snapshot
- 7.9.3. Operating Business Segments
- 7.9.4. Business Performance
- 7.9.5. Key Strategic Moves and Developments

#### 7.10. THE DOW CORNING CORPORATION

- 7.10.1. Company Overview
- 7.10.2. Company Snapshot
- 7.10.3. Operating Business Segments
- 7.10.4. Business Performance
- 7.10.5. Key Strategic Moves and Developments



## **List Of Tables**

#### LIST OF TABLES

TABLE 1. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY TYPE, 2014-2022 (\$MILLION)

TABLE 2. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY TYPE, 2014-2022 (TONS)

TABLE 3. GLOBAL FLUID SILICONES IN ELECTRICAL AND ELECTRONICS INDUSTRY MARKET VALUE, BY REGION, 2014-2022 (\$MILLION)

TABLE 4. GLOBAL FLUID SILICONES IN ELECTRICAL AND ELECTRONICS INDUSTRY MARKET VOLUME, BY REGION, 2014-2022 (TONS)

TABLE 5. GLOBAL ELASTOMERS SILICONES IN ELECTRICAL AND ELECTRONICS INDUSTRY MARKET VALUE, BY REGION, 2014-2022 (\$MILLION)

TABLE 6. GLOBAL ELASTOMERS SILICONES IN ELECTRICAL AND ELECTRONICS INDUSTRY MARKET VOLUME, BY REGION, 2014-2022 (TONS)

TABLE 7. GLOBAL FLUID SILICONES IN ELECTRICAL AND ELECTRONICS INDUSTRY MARKET VALUE, BY REGION, 2014-2022 (\$MILLION)

TABLE 8. GLOBAL FLUID SILICONES IN ELECTRICAL AND ELECTRONICS INDUSTRY MARKET VOLUME, BY REGION, 2014-2022 (TONS)

TABLE 9. GLOBAL GELS SILICONES IN ELECTRICAL AND ELECTRONICS INDUSTRY MARKET VALUE, BY REGION, 2014-2022 (\$MILLION)

TABLE 10. GLOBAL GELS SILICONES IN ELECTRICAL AND ELECTRONICS INDUSTRY MARKET VOLUME, BY REGION, 2014-2022 (TONS)

TABLE 11. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 12. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 13. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS INDUSTRY IN AUTOMOTIVE MARKET VALUE, BY REGION, 2014-2022 (\$MILLION)

TABLE 14. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS INDUSTRY IN AUTOMOTIVE MARKET VOLUME, BY REGION, 2014-2022 (TONS)

TABLE 15. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS INDUSTRY IN CONSUMER ELECTRONICS MARKET VALUE, BY REGION, 2014-2022 (\$MILLION) TABLE 16. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS INDUSTRY IN

CONSUMER ELECTRONICS MARKET VOLUME, BY REGION, 2014-2022 (TONS)

TABLE 17. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS INDUSTRY IN TELECOMMUNICATION MARKET VALUE, BY REGION, 2014-2022 (\$MILLION)

TABLE 18. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS INDUSTRY IN



TELECOMMUNICATION MARKET VOLUME, BY REGION, 2014-2022 (TONS)

TABLE 19. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS INDUSTRY IN OTHERS MARKET VALUE, BY REGION, 2014-2022 (\$MILLION)

TABLE 20. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS INDUSTRY IN OTHERS MARKET VOLUME, BY REGION, 2014-2022 (TONS)

TABLE 21. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY REGION, 2014-2022 (\$MILLION)

TABLE 22. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY REGION, 2014-2022 (TONS)

TABLE 23. NORTH AMERICA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY TYPE, 2014-2022 (\$MILLION)

TABLE 24. NORTH AMERICA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY TYPE, 2014-2022 (TONS)

TABLE 25. NORTH AMERICA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 26. NORTH AMERICA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 27. NORTH AMERICA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 28. NORTH AMERICA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY COUNTRY, 2014-2022 (TONS)

TABLE 29. U.S. SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 30. U.S. SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 31. CANADA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 32. CANADA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 33. MEXICO SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 34. MEXICO SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 35. EUROPE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY TYPE, 2014-2022 (\$MILLION)

TABLE 36. EUROPE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY TYPE, 2014-2022 (TONS)

TABLE 37. EUROPE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)



TABLE 38. EUROPE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 39. EUROPE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 40. EUROPE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY COUNTRY, 2014-2022 (TONS)

TABLE 41. FRANCE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 42. FRANCE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 43. GERMANY SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 44. GERMANY SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 45. UK SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 46. UK SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 47. SPAIN SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 48. SPAIN SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 49. ITALY SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 50. ITALY SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 51. REST OF EUROPE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 52. REST OF EUROPE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 53. ASIA-PACIFIC SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY TYPE, 2014-2022 (\$MILLION)

TABLE 54. ASIA-PACIFIC SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY TYPE, 2014-2022 (TONS)

TABLE 55. ASIA-PACIFIC SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 56. ASIA-PACIFIC SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 57. ASIA-PACIFIC SILICONE IN ELECTRICAL AND ELECTRONICS MARKET



VALUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 58. ASIA-PACIFIC SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY COUNTRY, 2014-2022 (TONS)

TABLE 59. INDIA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 60. INDIA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 61. CHINA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 62. CHINA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 63. JAPAN SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 64. JAPAN SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 65. KOREA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 66. KOREA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 67. AUSTRALIA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 68. AUSTRALIA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 69. REST OF ASIA-PACIFIC SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 70. REST OF ASIA-PACIFIC SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 71. LAMEA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY TYPE, 2014-2022 (\$MILLION)

TABLE 72. LAMEA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY TYPE, 2014-2022 (TONS)

TABLE 73. LAMEA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 74. LAMEA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 75. LAMEA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY COUNTRY, 2014-2022 (\$MILLION)

TABLE 76. LAMEA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY COUNTRY, 2014-2022 (TONS)



TABLE 77. BRAZIL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 78. BRAZIL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 79. KSA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 80. KSA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 81. SOUTH AFRICA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 82. SOUTH AFRICA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 83. REST OF LAMEA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, BY APPLICATION, 2014-2022 (\$MILLION)

TABLE 84. REST OF LAMEA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VOLUME, BY APPLICATION, 2014-2022 (TONS)

TABLE 85. SILCHEM, INC.: COMPANY SNAPSHOT

TABLE 86. SILCHEM, INC.: OPERATING SEGMENTS

TABLE 87. ICM PRODUCTS, INC.: COMPANY SNAPSHOT

TABLE 88. ICM PRODUCTS, INC.: OPERATING SEGMENTS

TABLE 89. SPECIALTY SILICONE PRODUCTS INCORPORATED: COMPANY SNAPSHOT

TABLE 90. SPECIALTY SILICONE PRODUCTS INCORPORATED: OPERATING SEGMENTS

TABLE 91. WACKER CHEMIE GMBH: COMPANY SNAPSHOT

TABLE 92. WACKER CHEMIE GMBH: OPERATING SEGMENTS

TABLE 93. EVONIK INDUSTRIES AG: COMPANY SNAPSHOT

TABLE 94. EVONIK INDUSTRIES AG: OPERATING SEGMENTS

TABLE 95. HUTCHINSON: COMPANY SNAPSHOT

TABLE 96. HUTCHINSON: OPERATING SEGMENTS

TABLE 97. KEMIRA OYJ: COMPANY SNAPSHOT

TABLE 98. KEMIRA OYJ: OPERATING SEGMENTS

TABLE 99. QUANTUM SILICONES: COMPANY SNAPSHOT

TABLE 100. QUANTUM SILICONES: OPERATING SEGMENTS

TABLE 101. KANEKA CORPORATION: COMPANY SNAPSHOT

TABLE 102. KANEKA CORPORATION: OPERATING SEGMENTS

TABLE 103. THE DOW CORNING CORPORATION: COMPANY SNAPSHOT

TABLE 104. THE DOW CORNING CORPORATION: OPERATING SEGMENTS



# **List Of Figures**

#### LIST OF FIGURES

FIGURE 1. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET: SEGMENTATION

FIGURE 2. GLOBAL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET SHARE, BY TYPE, 2015 (%)

FIGURE 3. TOP INVESTMENT POCKETS, BY APPLICATION

FIGURE 4. TOP WINNING STRATEGIES

FIGURE 5. BARGAINING POWER OF SUPPLIERS

FIGURE 6. BARGAINING POWER OF BUYERS

FIGURE 7. THREAT OF NEW ENTRANTS

FIGURE 8. THREAT OF SUBSTITUTES

FIGURE 9. COMPETITIVE RIVALRY

FIGURE 10. U.S. SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 11. CANADA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 12. MEXICO SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 13. FRANCE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 14. GERMANY SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 15. UK SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 16. SPAIN SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 17. ITALY SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 18. REST OF EUROPE SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 19. INDIA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 20. CHINA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 21. JAPAN SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)



FIGURE 22. KOREA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 23. AUSTRALIA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 24. REST OF ASIA-PACIFIC SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 25. BRAZIL SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 26. KSA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 27. SOUTH AFRICA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)

FIGURE 28. REST OF LAMEA SILICONE IN ELECTRICAL AND ELECTRONICS MARKET VALUE, 2014-2022 (\$MILLION)



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