Surgical Sealants and Adhesives Market - Global Forecast to 2021

Description: The global surgical sealants and adhesives market is estimated to grow at a CAGR of 9.6% from 2016 to 2021, to reach USD 2.96 billion by 2021 from USD 1.87 billion in 2016. The growth of this market is mainly attributed to rising need to manage blood loss in patients, growth in the number of surgeries, rising geriatric population, increasing incidence of trauma, growth in the number of accidents, and growing prevalence & incidence of various disorders such as obesity and CVDs. In addition, the greater uptake of technologically advanced products and growing adoption of surgical sealants and adhesives in the U.S. and Europe (owing to FDA and CE Mark approvals) are responsible for driving the overall growth of this market. Untapped emerging markets such as China and India offer significant growth opportunities.

In this report, the surgical sealants and adhesives market is segmented on the basis of product, indication, application, and region. On the basis of product, the market is segmented into natural/biological sealants and adhesives and synthetic & semi-synthetic sealants and adhesives. The natural/biological sealants and adhesives segment is further divided into type and origin. Based on type, the natural/biological sealants market is segmented into polypeptide/protein-based and polysaccharide-based sealants and adhesives. The polypeptide/protein-based sealants consist of fibrin, gelatin, collagen, and albumin based adhesives, while the polysaccharide-based sealants comprise of chitosan-based and other polysaccharide-based adhesives. On the basis of origin, the natural/biological sealants and adhesives market is segmented into human blood and animal-based adhesives. The animal-based sealants offer the advantages of superior elasticity, better reabsorption and lower toxicity, all of which have resulted in their increased adoption driving their growth during the forecast period.

The synthetic and semi-synthetic sealants and adhesives market is segmented into cyanoacrylates, polyethylene glycol hydrogels, urethane-based adhesives, and other synthetic adhesives. Polyethylene glycol-based hydrogels accounted for the largest share of the market in 2015 due to factors such as rapid gel formation, high adhesion, biocompatibility, and low inflammatory response.

On the basis of indication, the surgical sealants and adhesives market is segmented into surgical hemostasis, tissue sealing, and tissue engineering. The tissue engineering segment is expected to grow at the highest CAGR during the forecast period. This can be attributed to the increasing number of cosmetic surgeries, increasing cases of skin injuries, growing incidence of burn injuries, and growing need of tissue regeneration in case of traumatic injuries. Based on application, the surgical sealants and adhesives market is segmented into CNS, general, cardiovascular, orthopedic, cosmetic, urological, pulmonary, ophthalmic surgeries, and other applications. The cardiovascular surgeries accounted for the largest share of the market in 2015 due to the rising incidence of cardiovascular disorders owing to obesity and related lifestyle disorders.

Geographically, the global surgical sealants and adhesives market is segmented into North America, Europe, Asia-Pacific, and the Rest of the World. In 2015, North America commanded a major share of the surgical sealants and adhesives market. This can be mainly attributed to the growth in the number of FDA approvals for surgical sealants, operations of leading players in this region, and the presence of a large number of well-equipped hospitals. However, Asia-Pacific is expected to witness the highest growth rate during the forecast period. Factors such as growing focus of key market players on emerging APAC countries, rising demand for surgical interventions, rising number of cosmetic surgeries in this region are driving the growth of this market. Moreover, the growing rate of adoption of advanced medical products owing to rising demand for quality healthcare in this region is aiding the market growth.

Some of the prominent players in the surgical sealants and adhesives market include Baxter International, Inc. (U.S.), Johnson & Johnson (Ethicon, Inc.; U.S.), Medtronic plc (U.S.), CryoLife, Inc. (U.S.), C.R. Bard, Inc. (U.S.), Sanofi Group (France), B. Braun Melsungen AG (Germany), Cohera Medical, Inc. (U.S.), Ocular Therapeutix, Inc. (U.S.), Vivostat A/S (Denmark), and Sealantis, Ltd. (Israel).

Research Coverage:

The focus of this report is on providing quantitative information for clients seeking market size information on various segments of the surgical sealants and adhesives market. It provides the current and forecast assessment of the global surgical sealants and adhesives market. The surgical sealants and adhesives...
market is segmented on the basis of product, indication, application, and region. Furthermore, the report also includes an in-depth competitive analysis of the key players in the market along with their company profiles, SWOT analysis, recent developments, and key market strategies.

Reasons to Buy the Report:

The report will enrich both established firms as well as new entrants/smaller firms to gauge the pulse of the market, which in turn will help firms in garnering a greater market share. Firms purchasing the report could use any one or combination of the below-mentioned five strategies (market penetration, product development/innovation, market development, market diversification, and competitive assessment) for increasing their market shares.

The report provides insights on the following pointers:

- Market Penetration: Comprehensive information on the product portfolios offered by the top players in the surgical sealants and adhesives market. The report analyzes the surgical sealants and adhesives market by product, indication, application, and region
- Product Development/Innovation: Detailed insights on the upcoming trends, research and development activities, and new product launches in the surgical sealants and adhesives market
- Market Development: Comprehensive information about lucrative emerging markets by product and region
- Market Diversification: Exhaustive information about new products, growing geographies, recent developments, and investments in the surgical sealants and adhesives market
- Competitive Assessment: In-depth assessment of market shares, growth strategies, products, and manufacturing capabilities of leading players in the surgical sealants and adhesives market

Contents:

1 Introduction
1.1 Objectives of the Study
1.2 Market Definition
1.3 Market Scope
1.3.1 Markets Covered
1.3.2 Years Considered for the Study
1.4 Currency
1.5 Stakeholders

2 Research Methodology
2.1 Research Approach
2.1.1 Secondary Research
2.1.1.1 Key Data From Secondary Sources
2.1.2 Primary Research
2.1.2.1 Key Data From Primary Sources
2.1.2.2 Key Industry Insights
2.2 Market Size Estimation
2.3 Market Breakdown and Data Triangulation
2.4 Market Share Estimation
2.5 Assumption for the Study

3 Executive Summary
3.1 Introduction
3.2 Conclusion

4 Premium Insights
4.1 Growth Potential of the Surgical Sealants Market
4.2 Asia-Pacific Surgical Sealants Market: By Product
4.3 Surgical Sealants Market: Geographic Growth Opportunities
4.4 Surgical Sealants Market: Regional Mix
4.5 Surgical Sealants Market: Developed vs Developing Countries

5 Market Overview
5.1 Introduction
5.2 Market Dynamics
5.3 Key Market Drivers
5.3.1 Growing Need to Manage Blood Loss in Patients
5.3.2 Rising Number of Surgical Procedures Across the Globe
5.3.3 Greater Uptake of Technologically Advanced Products
5.3.4 FDA and Ce Mark Approvals Driving the Adoption of Surgical Sealants and Adhesives
5.4 Key Market Restraints
5.4.1 Lack of Reimbursements for Surgical Sealants and Adhesives
5.4.2 High Costs and Extensive Clinical Data Requirements for Launching New Products
5.5 Key Market Opportunities
5.5.1 Improving Healthcare Systems in Emerging Markets
5.6 Key Challenges
5.6.1 Development of Novel Biomaterials With High Mechanical Properties and Adhesion Strength
5.6.2 Need for Skilled Personnel for the Effective Use of Surgical Sealants and Adhesives

6 Industry Insights
6.1 Introduction
6.2 Industry Trends
6.2.1 Growing Preference for Gelatin-Based Adhesives and Hydrogels in Surgical Procedures
6.2.2 Increasing Number of Acquisitions Driving Consolidation in the Market
6.2.3 Rising Prominence of Adhesive Dentistry
6.3 Porter’s Five Forces Analysis
6.3.1 Threats From New Entrants
6.3.2 Threat of Substitutes
6.3.3 Bargaining Power of Buyers
6.3.4 Intensity of Competitive Rivalry
6.4 Strategic Benchmarking
6.5 Regulatory Analysis
6.5.1 North America
6.5.1.1 U.S.
6.5.1.2 Canada
6.5.2 Europe
6.5.3 Asia-Pacific
6.5.3.1 Japan
6.5.3.2 China
6.5.3.3 India
6.6 Clinical Trial Assessment

7 Surgical Sealants Market, By Product
7.1 Introduction
7.2 Natural/Biological Sealants and Adhesives
7.2.1 Natural/Biological Sealants and Adhesives, By Type
7.2.1.1 Polypeptide/Protein-Based Sealants and Adhesives
7.2.1.1.1 Fibrin Based
7.2.1.1.2 Collagen Based
7.2.1.1.3 Gelatin Based
7.2.1.1.4 Albumin Based
7.2.1.2 Polysaccharide Based Sealants and Adhesives
7.2.1.2.1 Chitosan Based
7.2.1.2.2 Other Polysaccharide Based
7.2.2 Natural/Biological Sealants and Adhesives, By Origin
7.2.2.1 Human Blood Based
7.2.2.2 Animal Based
7.3 Synthetic and Semisynthetic Sealants and Adhesives
7.3.1 Cyanoacrylates
7.3.2 Polyethylene Glycol Based Hydrogel
7.3.3 Urethane-Based Adhesives
7.3.4 Other Synthetic Sealants and Adhesives

8 Surgical Sealants Market, By Indication
8.1 Introduction
8.2 Surgical Hemostasis
8.3 Tissue Sealing
8.4 Tissue Engineering
9 Surgical Sealants Market, By Application
9.1 Introduction
9.2 Central Nervous System (CNS) Surgeries
9.3 General Surgeries
9.4 Cardiovascular Surgeries
9.5 Orthopedic Surgeries
9.6 Cosmetic Surgeries
9.7 Ophthalmic Surgeries
9.8 Urological Surgeries
9.9 Pulmonary Surgeries
9.10 Other Applications

10 Surgical Sealants Market, By Geography
10.1 Introduction
10.2 North America
10.2.1 U.S.
10.2.2 Canada
10.3 Europe
10.3.1 Germany
10.3.2 U.K.
10.3.3 France
10.3.4 Italy
10.3.5 Spain
10.3.6 Rest of Europe
10.4 Asia-Pacific
10.4.1 Japan
10.4.2 China
10.4.3 India
10.4.4 Rest of Asia-Pacific
10.5 Rest of the World (RoW)
10.5.1 Latin America
10.5.2 Middle East and Africa

11 Competitive Landscape
11.1 Overview
11.2 Market Share Analysis
11.3 Competitive Situation and Trends
11.3.1 Regulatory Approvals
11.3.2 Acquisitions
11.3.3 Expansions
11.3.4 Agreements, Partnerships, and Collaborations
11.3.5 Product Launches
11.3.6 Others

12 Company Profiles
12.1 Introduction
12.2 Baxter International, Inc.
12.2.1 Business Overview
12.2.2 Products Offered
12.2.3 Recent Developments
12.2.4 MnM View
12.3 Johnson & Johnson (Ethicon, Inc.)
12.3.1 Business Overview
12.3.2 Products Offered
12.3.3 Recent Developments
12.3.4 MnM View
12.4 Medtronic PLC
12.4.1 Business Overview
12.4.2 Products Offered
12.4.3 Recent Developments
12.4.4 MnM View
12.5 Cryolife, Inc.
12.5.1 Business Overview
12.5.2 Products Offered
12.5.3 Recent Developments
12.5.4 MnM View
12.6 C.R. Bard, Inc.
12.6.1 Business Overview
12.6.2 Products Offered
12.6.3 Recent Developments
12.6.4 MnM View
12.7 Sanofi Group
12.7.1 Business Overview
12.7.2 Products Offered
12.7.3 Recent Developments
12.8 B. Braun Melsungen AG
12.8.1 Business Overview
12.8.2 Products Offered
12.8.3 Recent Developments
12.9 Cohera Medical, Inc.
12.9.1 Business Overview
12.9.2 Products Offered
12.9.3 Recent Developments
12.10 Ocular Therapeutix, Inc.
12.10.1 Business Overview
12.10.2 Financials
12.10.3 Products Offered
12.10.4 Recent Developments
12.11 Vivostat A/S
12.11.1 Business Overview
12.11.2 Products Offered
12.11.3 Recent Developments
12.12 Sealantis Ltd.
12.12.1 Business Overview
12.12.2 Products Offered
12.12.3 Recent Developments

13 Appendix
13.1 Insights of Industry Experts
13.2 Discussion Guide

List of Tables

Table 1 Key Market Drivers: Impact Analysis
Table 2 Key Market Restraints: Impact Analysis
Table 3 Key Market Opportunities: Impact Analysis
Table 4 Key Market Challenges: Impact Analysis
Table 5 U.S.FDA: Medical Device Classification
Table 6 Canada: Medical Device Regulatory Approval Process
Table 7 Japan: Medical Devices Classification as Per Pdma
Table 8 China: Regulatory Bodies Appointed for the Medical Devices Approval
Table 9 China: Classification of Medical Devices
Table 10 Global Surgical Sealants Market, By Type, 2014-2021 (USD Million)
Table 11 Global Natural/Biological Sealants and Adhesives Market Size, By Country, 2014-2021 (USD Million)
Table 12 Global Natural/Biological Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 13 Types of Polypeptide/Protein Sealants and Adhesives
Table 14 Global Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 15 Global Fibrin Sealants Market Size, By Country, 2014-2021 (USD Million)
Table 16 Global Collagen Sealants Market Size, By Country, 2014-2021 (USD Million)
Table 17 Global Gelatin Sealants Market Size, By Country, 2014-2021 (USD Million)
Table 18 Global Albumin Sealants Market Size, By Country, 2014-2021 (USD Million)
Table 19 Types of Polysaccharide Sealants and Adhesives
Table 20 Global Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 21 Global Chitosan Sealants Market Size, By Country, 2014-2021 (USD Million)
Table 22 Global Other Polysaccharide Sealants Market Size, By Country, 2014-2021 (USD Million)
Table 23 Global Natural/Biological Sealants and Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 24 Global Human Blood-Based Sealants and Adhesives Market Size, By Country, 2014-2021 (USD Million)
Table 25 Global Animal-Based Sealants and Adhesives Market Size, By Country, 2014-2021 (USD Million)
Table 26 Types of Synthetic and Semisynthetic Sealants and Adhesives
Table 27 Global Synthetic and Semisynthetic Sealants and Adhesives Market Size, By Type, 2014-2014 (USD Million)
Table 28 Global Synthetic and Semisynthetic Sealants and Adhesives Market Size, By Country, 2014-2014 (USD Million)
Table 29 Global Cyanoacrylates Market Size, By Country, 2014-2021 (USD Million)
Table 30 Global Polyethylene Glycol Based Hydrogel Market Size, By Country, 2014-2021 (USD Million)
Table 31 Global Urethane-Based Adhesives Market Size, By Country, 2014-2021 (USD Million)
Table 32 Global Other Synthetic Sealants and Adhesives Market Size, By Country, 2014-2021 (USD Million)
Table 33 Global Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 34 Global Surgical Sealants Market Size for Surgical Hemostasis, By Country, 2014-2021 (USD Million)
Table 35 Global Surgical Sealants Market Size for Tissue Sealing, By Country, 2014-2021 (USD Million)
Table 36 Global Surgical Sealants Market Size for Tissue Engineering, By Country, 2014-2021 (USD Million)
Table 37 Global Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)
Table 38 Global Surgical Sealants Market Size for CNS Surgeries, By Country, 2014-2021 (USD Million)
Table 39 Global Surgical Sealants Market Size for General Surgeries, By Country, 2014-2021 (USD Million)
Table 40 Global Surgical Adhesives Market Size for Cardiovascular Surgeries, By Country, 2014-2021 (USD Million)
Table 41 Global Surgical Adhesives Market Size for Orthopedic Surgeries, By Country, 2014-2021 (USD Million)
Table 42 Global Surgical Adhesives Market Size for Cosmetic Surgeries, By Country, 2014-2021 (USD Million)
Table 43 Global Surgical Adhesives Market Size for Ophthalmic Surgeries, By Country, 2014-2021 (USD Million)
Table 44 Global Surgical Adhesives Market Size for Urological Surgeries, By Country, 2014-2021 (USD Million)
Table 45 Global Surgical Adhesives Market Size for Pulmonary Surgeries, By Country, 2014-2021 (USD Million)
Table 46 Global Surgical Adhesives Market Size for Other Applications, By Country, 2014-2021 (USD Million)
Table 47 Global Surgical Sealants Market Size, By Region, 2014-2021 (USD Million)
Table 48 North America: Surgical Sealants Market Size, By Country, 2014-2021 (USD Million)
Table 49 North America: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 50 North America: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 51 North America: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 52 North America: Natural/Biological Surgical Sealants Market Size, By Origin, 2014-2021 (USD Million)
Table 53 North America: Synthetic and Semisynthetic Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 54 North America: Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 55 North America: Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)
Table 56 U.S.: Surgical Sealants Market Macroindicators
Table 57 U.S.: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 58 U.S.: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 59 U.S.: Polypeptide/Protein Based Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 60 U.S.: Polysaccharide Based Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 61 U.S.: Natural/Biological Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 62 U.S.: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 63 U.S.: Surgical Adhesives Market Size, By Region, 2014-2021 (USD Million)
Table 64 U.S.: Surgical Adhesives Market Size, By Indication, 2014-2021 (USD Million)
Table 65 U.S.: Surgical Adhesives Market Size, By Application, 2014-2021 (USD Million)
Table 66 Canada: Surgical Sealants Market Macroindicators
Table 67 Canada: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 68 Canada: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 69 Canada: Polypeptide/Protein Based Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 70 Canada: Polysaccharide Based Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 71 Canada: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 72 Canada: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 73 Canada: Surgical Adhesives Market Size, By Indication, 2014-2021 (USD Million)
Table 74 Canada: Surgical Adhesives Market Size, By Application, 2014-2021 (USD Million)
Table 75 Europe: Surgical Adhesives Market Size, By Country, 2014-2021 (USD Million)
Table 76 Europe: Surgical Adhesives Market Size, By Product, 2014-2021 (USD Million)
Table 77 Europe: Natural/Biological Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 78 Europe: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 79 Europe: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 80 Europe: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 81 Europe: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 82 Europe: Surgical Adhesives Market Size, By Indication, 2014-2021 (USD Million)
Table 83 Europe: Surgical Adhesives Market Size, By Application, 2014-2021 (USD Million)
Table 84 Germany: Surgical Adhesive Market Macroindicators
Table 85 Germany: Surgical Adhesives Market Size, By Product, 2014-2021 (USD Million)
Table 86 Germany: Natural/Biological Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 87 Germany: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 88 Germany: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 89 Germany: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 90 Germany: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 91 Germany: Surgical Adhesives Market Size, By Indication, 2014-2021 (USD Million)
Table 92 Germany: Surgical Adhesives Market Size, By Application, 2014-2021 (USD Million)
Table 93 U.K.: Surgical Sealants and Adhesives Macroindicators
Table 94 U.K.: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 95 U.K.: Natural/Biological Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 96 U.K.: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 97 U.K.: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 98 U.K.: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 99 U.K.: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 100 U.K.: Surgical Adhesives Market Size, By Indication, 2014-2021 (USD Million)
Table 101 U.K.: Surgical Adhesives Market Size, By Application, 2014-2021 (USD Million)
Table 102 France: Surgical Adhesives Market Macroindicators
Table 103 France: Surgical Adhesives Market Size, By Product, 2014-2021 (USD Million)
Table 104 France: Natural/Biological Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 105 France: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 106 France: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 107 France: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 108 France: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 109 France: Surgical Adhesives Market Size, By Indication, 2014-2021 (USD Million)
Table 110 France: Surgical Adhesives Market Size, By Application, 2014-2021 (USD Million)
Table 111 Italy: Surgical Adhesives Market Macroindicators
Table 112 Italy: Surgical Adhesives Market Size, By Product, 2014-2021 (USD Million)
Table 113 Italy: Natural/Biological Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 114 Italy: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 115 Italy: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 116 Italy: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 117 Italy: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 118 Italy: Surgical Adhesives Market Size, By Indication, 2014-2021 (USD Million)
Table 119 Italy: Surgical Adhesives Market Size, By Application, 2014-2021 (USD Million)
Table 120 Spain: Surgical Adhesives Market Macroindicators
Table 121 Spain: Surgical Adhesives Market Size, By Product, 2014-2021 (USD Million)
Table 122 Spain: Natural/Biological Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 123 Spain: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 124: Spain: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 125: Spain: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 126: Spain: Synthetic and Semisynthetic Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 127: Spain: Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 128: Spain: Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)
Table 129: RoE: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 130: RoE: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 131: RoE: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 132: RoE: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 133: RoE: Natural/Biological Surgical Sealants Market Size, By Origin, 2014-2021 (USD Million)
Table 134: RoE: Synthetic and Semisynthetic Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 135: RoE: Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 136: RoE: Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)

Table 137: APAC: Surgical Sealants Market Size, By Country, 2014-2021 (USD Million)
Table 138: APAC: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 139: APAC: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 140: APAC: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 141: APAC: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 142: APAC: Natural/Biological Surgical Sealants Market Size, By Origin, 2014-2021 (USD Million)
Table 143: APAC: Synthetic and Semisynthetic Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 144: APAC: Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 145: APAC: Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)
Table 146: Japan: Surgical Sealants Market Macroindicators
Table 147: Japan: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 148: Japan: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 149: Japan: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 150: Japan: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 151: Japan: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 152: Japan: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 153: Japan: Surgical Adhesives Market Size, By Indication, 2014-2021 (USD Million)
Table 154: Japan: Surgical Adhesives Market Size, By Application, 2014-2021 (USD Million)
Table 155: China: Surgical Adhesives Market Macroindicators
Table 156: China: Surgical Adhesives Market Size, By Product, 2014-2021 (USD Million)
Table 157: China: Natural/Biological Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 158: China: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 159: China: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 160: China: Natural/Biological Surgical Market Size, By Origin, 2014-2021 (USD Million)
Table 161: China: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 162: China: Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 163: China: Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)
Table 164: India: Surgical Sealants and Adhesives Macroindicators
Table 165: India: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 166: India: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 167: India: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 168: India: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 169: India: Natural/Biological Surgical Sealants Market Size, By Origin, 2014-2021 (USD Million)
Table 170: India: Synthetic and Semisynthetic Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 171: India: Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 172: India: Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)
Table 173: RoAPAC: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 174: RoAPAC: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 175: RoAPAC: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 176 RoAPAC: Ploysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 177 RoAPAC: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 178 RoAPAC: Synthetic and Semisynthetic Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 179 RoAPAC: Surgical Adhesives Market Size, By Indication, 2014-2021 (USD Million)
Table 180 RoAPAC: Surgical Adhesives Market Size, By Application, 2014-2021 (USD Million)
Table 181 RoW: Surgical Adhesives Market Size, By Country, 2014-2021 (USD Million)
Table 182 RoW: Surgical Adhesives Market Size, By Product, 2014-2021 (USD Million)
Table 183 RoW: Natural/Biological Surgical Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 184 RoW: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 185 RoW: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 186 RoW: Natural/Biological Surgical Adhesives Market Size, By Origin, 2014-2021 (USD Million)
Table 187 RoW: Synthetic and Semisynthetic Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 188 RoW: Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 189 RoW: Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)
Table 190 Latin America: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 191 Latin America: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 192 Latin America: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 193 Latin America: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 194 Latin America: Natural/Biological Surgical Sealants Market Size, By Origin, 2014-2021 (USD Million)
Table 195 Latin America: Synthetic and Semisynthetic Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 196 Latin America: Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 197 Latin America: Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)
Table 198 Middle East and Africa: Surgical Sealants Market Size, By Product, 2014-2021 (USD Million)
Table 199 Middle East and Africa: Natural/Biological Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 200 Middle East and Africa: Polypeptide/Protein Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 201 Middle East and Africa: Polysaccharide Based Sealants and Adhesives Market Size, By Type, 2014-2021 (USD Million)
Table 202 Middle East and Africa: Natural/Biological Surgical Sealants Market Size, By Origin, 2014-2021 (USD Million)
Table 203 Middle East and Africa: Synthetic and Semisynthetic Surgical Sealants Market Size, By Type, 2014-2021 (USD Million)
Table 204 Middle East and Africa: Surgical Sealants Market Size, By Indication, 2014-2021 (USD Million)
Table 205 Middle East and Africa: Surgical Sealants Market Size, By Application, 2014-2021 (USD Million)
Table 206 Growth Strategy Matrix (2012-2016)
Table 207 Regulatory Approvals, 2012-2016
Table 208Acquisitions, 2012-2016
Table 209 Expansions, 2012-2016
Table 210 Agreements, Partnerships, and Collaborations, 2012-2016
Table 211 Product Launches, 2012-2016
Table 212 Others, 2012-2016

List of Figures

Figure 1 Global Surgical Sealants Market
Figure 2 Research Design
Figure 3 Bottom-Up Approach
Figure 4 Top-Down Approach
Figure 5 Data Triangulation Methodology
Figure 6 Synthetic and Semisynthetic Sealants and Adhesives to Register Maximum Growth During the Forecast Period
Figure 7 Gelatin-Based Adhesives Segment Expected to Grow at the Highest CAGR During the Forecast Period
Figure 8 Cosmetic Surgeries Segment to Register Highest Growth During the Forecast Period
Figure 9 Geographic Analysis: Global Surgical Sealants Market (2015)
Figure 10 Attractive Growth Opportunities in the Global Surgical Sealants Market
Figure 11 Fibrin-Based Sealants Accounted for A Major Share in the Asia-Pacific Surgical Sealants Market
Figure 12 The U.S. Dominated the Global Surgical Sealants Market in 2015
Figure 13 North America Will Dominate the Surgical Sealants Market During the Forecast Period
Figure 14 China to Register Highest Growth in the Forecast Period
Figure 15 Surgical Sealants Market: Drivers, Restraints, Opportunities, and Challenges
Figure 16 Rising Prominence of Adhesive Dentistry to Drive the Growth of the Market During the Forecast Period
Figure 17 Product Portfolio Analysis: Natural/Biological Surgical Sealants Market
Figure 18 Product Portfolio Analysis: Synthetic and Semisynthetic Surgical Sealants Market
Figure 19 Clinical Trial Assessment for Surgical Sealants and Adhesives (2012-2015)
Figure 20 The Polypeptide/Protein Based Adhesives Accounted for the Highest Share of the Surgical Sealants Market, in 2015
Figure 21 Gelatin-Based Adhesives to Register the Highest Growth During the Forecast Period
Figure 22 Animal-Based Surgical Sealants and Adhesives to Grow at A Higher CAGR
Figure 23 Tissue Sealing Segment Holds the Major Share of the Surgical Sealants Market
Figure 24 Cardiovascular Surgeries Segment Holds Major Share of the Surgical Sealants Market
Figure 25 Surgical Sealants Market (2015)
Figure 26 North America: Surgical Sealants Market Snapshot
Figure 27 Europe: Surgical Sealants Market Snapshot
Figure 28 APAC: Surgical Sealants Market Snapshot
Figure 29 Regulatory Approvals-Key Growth Strategy Adopted By Market Players From 2012 to 2016
Figure 30 Global Surgical Sealants Market Share of Key Players, 2015
Figure 31 Battle for Market Share: Regulatory Approvals Accounted for the Largest Share During 2012 to 2016
Figure 32 Geographic Revenue Mix of the Top Market Players
Figure 33 Baxter International, Inc.: Company Snapshot (2015)
Figure 34 Johnson & Johnson: Company Snapshot (2015)
Figure 35 Medtronic PLC: Company Snapshot (2016)
Figure 36 Cryolife, Inc.: Company Snapshot (2015)
Figure 37 C.R. Bard, Inc.: Company Snapshot (2015)
Figure 38 Sanofi Group: Company Snapshot (2015)
Figure 39 B. Braun Melsungen AG: Company Snapshot (2015)
Figure 40 Marketsandmarkets Knowledge Store Snapshot
Figure 41 Marketsandmarkets Knowledge Store: Healthcare Industry Snapshot

Ordering:
Order Online - [http://www.researchandmarkets.com/reports/4090102/](http://www.researchandmarkets.com/reports/4090102/)
Order by Fax - using the form below
Order by Post - print the order form below and send to

Research and Markets,
Guinness Centre,
Taylors Lane,
Dublin 8,
Ireland.
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit
http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Surgical Sealants and Adhesives Market - Global Forecast to 2021
Web Address: http://www.researchandmarkets.com/reports/4090102/
Office Code: SC2GZWQI

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) -</td>
<td>USD 5650</td>
</tr>
<tr>
<td>Single User:</td>
<td></td>
</tr>
<tr>
<td>1 - 5 Users:</td>
<td>USD 6650</td>
</tr>
<tr>
<td>Electronic (PDF) -</td>
<td>USD 8150</td>
</tr>
<tr>
<td>Site License:</td>
<td></td>
</tr>
<tr>
<td>Electronic (PDF) -</td>
<td>USD 10000</td>
</tr>
<tr>
<td>Enterprisewide:</td>
<td></td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

<table>
<thead>
<tr>
<th>Title:</th>
<th>Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [X] Prof [ ]</th>
</tr>
</thead>
<tbody>
<tr>
<td>First Name:</td>
<td>____________________________ Last Name: ________</td>
</tr>
<tr>
<td>Email Address: *</td>
<td>____________________________</td>
</tr>
<tr>
<td>Job Title:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Organisation:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Address:</td>
<td>____________________________</td>
</tr>
<tr>
<td>City:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Postal / Zip Code:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Country:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Phone Number:</td>
<td>____________________________</td>
</tr>
<tr>
<td>Fax Number:</td>
<td>____________________________</td>
</tr>
</tbody>
</table>

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:

Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:

Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB98533083313083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: _______________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:

(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World