

Global Medical Adhesives & Sealants Market – Resin Types, Applications and End-Use Sectors

“The report reviews, analyzes and projects the global market for Medical Adhesives & Sealants for the period 2020-2029 in terms of value in USD. The study analyzes the market for resin types/sub-types by which Medical Adhesives & Sealants are made include Natural Resins – Albumin, Collagen, Fibrin and Others; and Synthetic/Semi-Synthetic Resins – Acrylic, Cyanoacrylate, Epoxy, Polyethylene Glycol, Polymeric Hydrogel, Polyurethane and Silicone. The application markets for Medical Adhesives & Sealants studied in this report include Dental & Cosmetic Surgery, Internal & External Surgery and Medical Devices & Equipment while end-use sector markets comprise Ambulatory Surgical Centers, Dental Clinics and Hospitals”

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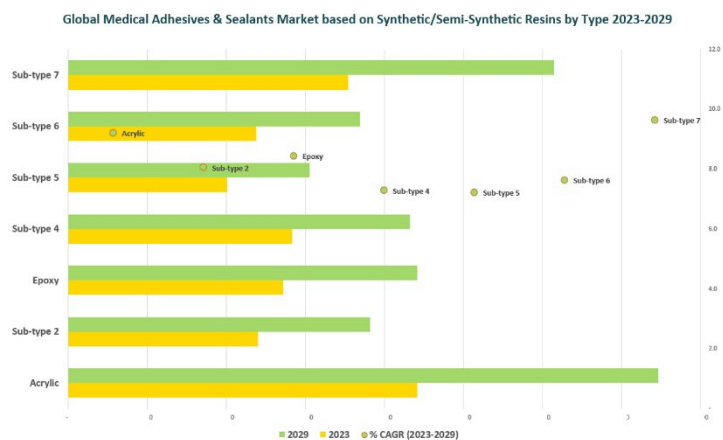
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Report Synopsis

The range of applications for adhesives and sealants in the medical sector includes the areas of dentistry & cosmetics, internal & external surgery and medical devices & equipment. Major among the latter comprise prostheses, assistive devices, diagnostic equipment, medical disposable devices and surgical instruments. Natural and synthetic/semi-synthetic are the two key categories of medical adhesives & sealants. Among these, acrylic, silicone, polyurethane, polyethylene glycol and cyanoacrylate are most widely used materials to make synthetic/semi-synthetic adhesives & sealants, with albumin, collagen and fibrin representing the resins employed for producing natural medical adhesives & sealants.

Acrylic is the most preferred resin to make Medical Adhesives & Sealants because of its good applicability in external and internal medical applications, including as adhesives in dentistry and healthcare devices. However, silicone-based Medical Adhesives & Sealants will likely post the fastest growth over the analysis period, as these possess limited cross-reactivity with other metals and offer better eco-friendliness and durability than acrylics. Silicone-based adhesives are most widely applied in medical tapes used in external applications. On the negative side, the relatively high cost of these resins can be a restraining factor in their wider utilization.



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

Research Findings & Coverage

- The worldwide market for Medical Adhesives & Sealants global market is analyzed in this report with respect to resin types/sub-types, major applications, end-use sectors, major geographic regions and key countries
- Market share analysis covered for Medical Adhesives & Sealants based on the segmentation mentioned above and current market size estimation, revenue projections provided for the analysis period through 2029
- The study discusses major growth trends, R&D, technology updates and emerging applications of Medical Adhesives & Sealants that influence the market growth
- Key business trends focusing on product innovations/ developments, capacity expansions, M&As, JVs and other recent industry developments by the major players
- The report includes 317 data tables covering market numbers by segment and regions with graphical representation for each table
- Brief business profiles of major companies covered – 16
- The industry guide includes the contact details for 81 companies

Product Outline

The market for Medical Adhesives & Sealants resin types/sub-types analyzed in the report comprise the following:

- Natural Resins
 - Albumin
 - Collagen
 - Fibrin
 - Other Natural Resins
- Synthetic/Semi-Synthetic Resins
 - Acrylic
 - Cyanoacrylate
 - Epoxy
 - Polyethylene Glycol
 - Polymeric Hydrogel
 - Polyurethane
 - Silicone

Applications market for Medical Adhesives & Sealants explored in this report include the following:

- Dental & Cosmetic Surgery
- Internal & External Surgery
- Medical Devices & Equipment

The market for Medical Adhesives & Sealants end-use sectors analyzed in the report comprises the following:

- Ambulatory Surgical Centers
- Dental Clinics
- Hospitals

Analysis Period, Units and Growth Rates

- The report reviews, analyzes and projects the global Medical Adhesives & Sealants market for the period 2020-2029 in terms of market value in US\$ and the compound annual growth rates (CAGRs) projected from 2023 through 2029

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, Japan, South Korea and Rest of Asia-Pacific)
- **South America** (Argentina, Brazil and Rest of South America)
- **Rest of World**

SAMPLE COMPANY PROFILE

B. BRAUN MELSUNGEN SE (GERMANY)

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Business Overview

Established in 1839 and headquartered in Melsungen, Germany, B. Braun Melsungen SE (B. Braun) is a globally leading medical technology company. Since its inception as a family-owned pharmacy in Melsungen, B. Braun has significantly developed into a world-leading producer of medical and pharmaceutical devices with over 5,000 healthcare products and 300 subsidiaries across 64 countries. The company's offerings include solutions such as B2B & Industry Partners, Discharge Management, Medication Management in Oncology, Smart Infusion Management, Surgical Asset & Supply Management, Technical Service, Customized Kits, and various therapies, including Continence Care and Urology, Dental Care, Infusion Therapy, Interventional Vascular Therapy, and more. B. Braun conducts business operations through several divisions, such as the Aesculap Division, specializing in surgery-related products and services; the B. Braun Avitum Division, engaged in extracorporeal blood treatment products and services; and the Hospital Care Division, offering products for infusion, injection, and disposable hospital supplies. Additionally, the company operates the OPM (Out Patient Market) Division, TransCare, providing healthcare services at home, available across Germany, Austria, and the United Kingdom. B. Braun Sterilog, a cleaning, decontamination, and sterilization service for surgical instruments based in the United Kingdom, is also part of the company's operations.

Products

B. Braun Melsungen SE offers an extensive portfolio of products and services across various categories. These include Sutures & Surgical Specialties products such as Surgical Sutures, Mechanical Staplers, Surgical Meshes, and Tissue Adhesives like Histoacryl®, Histoacryl® Flexible Pack, and Histoacryl® Octyl; Hemostats, Endoluminal Vacuum Therapy, Simple Management of Needles and Blades. The company also offers Wound Management products such as Moist Wound Therapy products, including Foam Dressings with Silicone adhesive like Askina® DresSil, Askina® DresSil Border, Askina® DresSil Heel, and Askina® DresSil Sacrum. Additionally, there are Askina® Derm Polyurethane films and other Basic Care Dressings and Bandages, featuring Adhesive Fixation Dressings and Tapes such as Askina® Soft I.V., Askina® Soft Clear I.V., Askina® Fix, Askina® Silk, Askina® Pore, and Askina® Film. The Dressings category includes Askina® Soft (non-woven fabric with hypoallergenic acrylic adhesive), Askina® Soft Clear, Askina® Soft (Non-sterile wound dressing), Askina® Injection Plaster, among others, as well as Wound Bed Preparation.

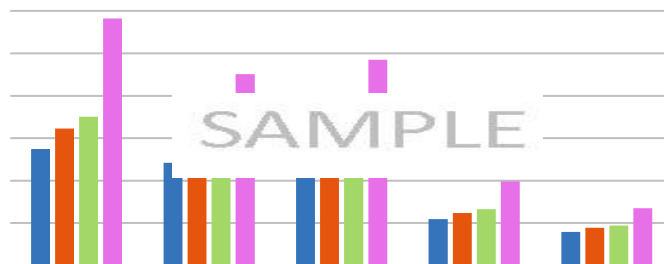
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SAMPLE TABLE/CHART

Glance at 2020, 2023 and 2029 Global Medical Adhesives & Sealants Market Share (%) by Type – Natural Resins and Synthetic/Semi-Synthetic Resins



Global Medical Adhesives & Sealants Market Analysis (2020-2029) by Geographic Region – North America, Europe, Asia-Pacific, South America and Rest of World in USD Million



KEY PLAYERS PROFILED

- 3M (United States)
- Arkema Group (France)
- Artivion, Inc. (United States)
- Avery Dennison Corporation (United States)
- B. Braun Melsungen SE (Germany)
- Baxter International, Inc. (United States)
- Becton, Dickinson and Company (United States)
- Chemence Ltd (United Kingdom)
- Dentsply Sirona (United States)
- Dymax Corporation (United States)
- Grünenthal GmbH (Germany)
- H.B. Fuller Company (United States)
- Henkel AG & Co. KGaA (Germany)
- Johnson & Johnson (United States)
- Mactac (United States)
- Nitto Denko Corporation (Japan)

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