

Medical Adhesives Market Drivers Shaping Future Growth, Revenue USD 14.78 Billion by 2027 | CAGR 7.0%

The report analyzes the historical and present-day scenario of the global Medical Adhesives market, to accurately gauge its potential future development.

NEW YORK CITY, NY, UNITED STATES, September 22, 2021 / EINPresswire.com/ -- The study presents detailed information about the important growth factors,



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restraints, and key trends that are creating the landscape for the future growth of the <u>Medical</u> <u>Adhesives market</u>, to identify the opportunistic avenues of the business potential for stakeholders. The global medical adhesives market size is expected to reach USD 14.78 Billion in 2028 and register a revenue CAGR of 7.0% over the forecast period, according to the latest report by Reports and Data. Market revenue growth is primarily driven by factors such as increasing utilization of medical adhesives for internal and external surgeries and rising demand for Personal Protection Equipment (PPE) and drug delivery devices globally. Medical adhesives such as cyanoacrylate are replacing sutures in external applications as these are single-component, catalyst-free adhesives, which are capable of bonding at room temperature within a few seconds. These adhesives require no external initiation and solely rely on the small amounts of adsorbed chemical and water on the surface of the tissue for healing. Recent advancements in medical adhesives is enabling deployment in newer applications such as for medical joining and bonding, including medical device assembly, bonding human tissue, wound care, and in drug delivery system applications. These factors are expected to continue to drive revenue growth of the market during the forecast period.

Rising demand for telehealth solutions globally due to the COVID-19 pandemic, emergence of new and more infectious variants in countries across the globe, urgent need for safer and more efficient measures to reduce exposure, infection, and spread, as well as to provide more improved treatment and ensure positive outcomes among patients are other factors expected to boost market growth going ahead. Telehealth solutions help in improving clinical management and enhancing patient care. Rising need for pulse oximeters, wearable drug delivery systems, and other on-body remote patient monitoring solutions are driving demand for more durable medical adhesives.

Major players in the market include Ethicon, Inc. (Johnson & Johnson), Henkel AG & Co. KGaA, 3M, Baxter International Inc., Nitto Denko Corporation, B. Braun (B. Braun Melsungen), H.B. Fuller Company, Bostik (Arkema), Chemence, and CryoLife, Inc.

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Market Overview:

Chemicals are required in many industrial processes. As a result, the materials and chemicals industry is inextricably linked to other sectors. When one is utilized to produce the other, there is a correlation. Other industries use chemicals from chemical makers and suppliers as raw materials.

More than 70% of chemical industry products are being consumed by other industries, with roughly 20% being used by the industry for other purposes. This 70 percent supports food and health, textiles, transportation, medications, and other sectors. Only 10% of the products are intended to be sold to the general public. The expansion of the materials and chemicals business is dependent on demand from other industries. As a result, supply is directly affected by increased manufacturing rates in other industries.

Some Key Highlights From the Report

In February 2021, Henkel Adhesive Technologies announced the expansion of its strategic partnership with Quad Industries. The partnership was expanded in order to provide support and capacities for prototyping and technological value creation with printed electronics solutions across multiple industries. With the partnership, the companies are aiming to strengthen the creation of printed electronics solutions such electronic skin patches. Smart health patch was developed by Belgium-based Byteflies, together with Henkel, and Quad Industries and four other medical and technology companies for remote patient monitoring.

Synthetic & semi-synthetic resin segment is expected to account for largest revenue share in the global medical adhesives market over the forecast period. Wide usage of synthetic & semi-synthetic resins for assembling and sealing medical devices and parts is expected to boost revenue growth of this segment.

Reactive & other technologies segment is expected to register significant revenue growth over the forecast period. Reactive & other technologies such as self-cured composite resin helps in restoring deeper cavities, those with dentinal gingival margin, and for occlusal restorations, which is increasing its utilization in dental applications.

Dental segment is expected to account for a considerably large revenue share in the global medical adhesives market owing to growing awareness regarding oral hygiene and rising

popularity of cosmetic dental procedures like tooth bleaching, enamel bonding, dental veneers, Invisalign braces, and enamel abrasion.

The medical adhesives market in North America is expected to account for largest revenue share over the forecast period. Growing geriatric population in the region and increasing prevalence of chronic diseases such as cardiovascular diseases is driving rising utilization of medical adhesives in internal surgeries.

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For the purpose of this report, Reports and Data has segmented the global medical adhesives market based on resin type, technology, application, and region: Resin Type Outlook (Revenue, USD Billion; Volume, Kilo Tons; 2018-2028)

Natural Resin Type

Collagen

Fibrin

Others

Synthetic & Semi-Synthetic Resin Type

Silicone

Ероху

Acrylic

Polyurethane

Cyanoacrylate

Others

Technology Outlook (Revenue, USD Billion; Volume, Kilo Tons; 2018-2028)

Solvent-based

Water-based

Solid & Hot-melt Based

Reactive & Others

Application Outlook (Revenue, USD Billion; Volume, Kilo Tons; 2018-2028)

External Surgery

Internal Surgery

Dental

Medical Devices & Equipment

Others

Regional Outlook (Revenue, USD Billion; Volume, Kilo Tons; 2018-2028)

North America

Europe

Asia Pacific

Latin America

MEA

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Tushar Rajput

Reports and Data + + 12127101370 email us here Visit us on social media: Facebook Twitter LinkedIn

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