

Adhesives - A Global Market Overview

Market Report | 2025-01-27 | 412 pages | Industry Experts

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Report description:

Global Adhesives Market Trends and Outlook

Adhesives are essential across industries for their ability to bond diverse materials efficiently, offering strength, flexibility, and durability. In construction, they ensure secure bonding of materials like wood, metal, and composites, enhancing structural integrity. The automotive sector uses adhesives to reduce vehicle weight, noise, and vibration, improving performance and fuel efficiency. In electronics, they facilitate the miniaturization of components while maintaining thermal and electrical stability. Similarly, the packaging industry relies on adhesives for secure seals and tamper-proof closures. With their versatility, cost-effectiveness, and tailored performance, adhesives are vital to modern manufacturing and product innovation.

Global consumption of adhesives is estimated at 19.4 million metric tons in 2024 and projected to post a compound annual growth rate (CAGR) of 3.8% between 2024 and 2030. In terms of value, the market is expected to reach \$77.6 billion in 2030, registering a CAGR of 4.2% over the outlook period.

The adhesives market is driven by key trends, including the shift from mechanical fasteners to adhesive solutions, rapid growth in construction and infrastructure, and advancements in the automotive sector focusing on lightweight, fuel-efficient, and electric vehicles. The expanding electronics and electrical industries, evolving packaging needs, growth in renewable energy projects, and increased demand for healthcare and medical devices further boost market growth. Innovations in adhesive formulations, compliance with environmental regulations, and the need for maintenance and repair across industries also contribute to demand. Additionally, emerging applications and markets present new opportunities, reinforcing the robust growth of the adhesives market.

Adhesives Regional Market Analysis

The global market for Adhesives has been, for the purpose of this report, categorized into five major regions, namely North America, Europe, Asia-Pacific, South America and Rest of World. These regional markets further analyzed for 24 independent countries across North America - The United States, Canada and Mexico; Europe - France, Germany, Italy, Poland, Russia, Spain, Sweden, the Netherlands and the United Kingdom; Asia-Pacific - China, India, Japan, South Korea, Taiwan and Thailand; South America - Argentina and Brazil; and Rest of World - Saudi Arabia, South Africa, Turkiye and the United Arab Emirates.

Asia-Pacific, with a volume consumption share of 53% in 2024, is the largest region for global Adhesives market and also the fastest growing region during 2024-2030 outlook period. Europe forms the second largest market for Adhesives worldwide, followed closely by North America which is expected to post below average CAGRs of under 3% over the outlook period.

Adhesives Market Analysis by Technology

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Adhesives Technologies analyzed in the report include Natural-based Adhesives, Water-borne Adhesives, Hot melt Adhesives, Solvent-borne Adhesives, Reactive Adhesives, Water-soluble Adhesives and Other Adhesive Technologies.

In terms of technology, Water-borne, Hot melt and Reactive adhesives combinedly occupy 83.6% of the global Adhesives volume consumption, while Reactive adhesives lead in terms of value market for Adhesives.

Adhesives Market Analysis by Application

Adhesives applications analyzed in this report consists of Building & Construction, Consumer/DIY, Furniture/Woodworking, Industrial Assembly/Other, Leather & Footwear, Packaging/Converting and Automotive & Transportation. Packaging/Converting is the largest application for Adhesives globally, with a volume consumption share of 34.6% estimated at 6.7 million metric tons in 2024, followed by Building & Construction.

Adhesives Market Analysis by Chemistry

Market for Adhesives by chemistry type includes Vinyl Adhesives, Acrylic Adhesives, Polyurethane Adhesives, Elastomer/Rubber Adhesives, Epoxy Adhesives and Other Adhesive Chemistries. Adhesives based on Vinyl chemistry are the major adhesives in terms of value demand for Adhesives worldwide with a share of 26.8% valued US\$16.3 billion in 2024.

Adhesives Market Report Scope

The report reviews, analyzes and projects the global market for formulated adhesives for global and regional markets for the period 2021-2030, in terms of volume consumption in metric tons as well as value market in US\$. Natural adhesives that are not modified and Formaldehyde-type adhesives are excluded from the scope of this report.

Key Metrics

Historical Period: 2021-2023

Base Year: 2024

Forecast Period: 2024-2030

Units: Value market in US\$

Companies Mentioned: 32 Major Companies Profiled, Directory of 490 Companies

Adhesives Technologies

- Adhesives Based on Natural Polymers
- Water-borne Adhesives
- Hot-melt Adhesives
- Solvent-borne Adhesives
- Reactive Adhesives
- Adhesives Based on Water-soluble Polymers
- Adhesives Based on Other Technologies

Adhesives Chemistry Types

- Vinyl Adhesives
- Acrylic Adhesives
- Polyurethane Adhesives
- Elastomer/Rubber Adhesives
- Epoxy Adhesives
- Other Adhesives

Adhesives Applications

- Building & Construction
- Consumer/DIY
- Furniture/Woodworking
- Leather & Footwear
- Packaging/Converting
- Transportation
- Industrial Assembly/Other

Geographic Regions and Countries Covered

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- North America (The United States, Canada and Mexico)
- Europe (France, Germany, Italy, Poland, Russia, Spain, Sweden, the Netherlands, the United Kingdom and Rest of Europe)
- Asia-Pacific (China, India, Japan, South Korea, Taiwan, Thailand and Rest of Asia-Pacific)
- South America (Argentina, Brazil and Rest of South America)
- Rest of World (Saudi Arabia, South Africa, Turkiye, the United Arab Emirates and Other Rest of World)

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 - Leather & Footwear

2. KEY GLOBAL PLAYERS

- 3M Company
- Arkema Group (Bostik S.A)
- Avery Dennison Corporation
- Berry Global Inc.
- Bolton Adhesives

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- []Chemence Inc.
- []Delo Industrial Adhesives
- []Dow Inc.
- []DuPont De Nemours Inc.
- []Dymax Corporation
- []Franklin International
- []H. B. Fuller
- []Henkel AG & Co. KGaA
- []Huntsman Corp.
- []Illinois Tool Works Inc.
- []Jowat SE
- []Kleiberit SE & Co. KG
- []Lintec Corp.
- []Mapei S.p.A.
- []Meridian Adhesives Group
- []NanPao Resins Chemical Group
- []Novatech International
- []Parker Hannifin Corp - Lord Division
- []Pidilite Industries Ltd
- []RPM International Inc.
- []Sike AG
- []Soudal Group
- []The Reynolds Company
- []ThreeBond Co.,Ltd.
- []Toagosei Group
- []Uniseal Inc.
- []Wacker Chemie AG

3. KEY BUSINESS AND PRODUCTS TRENDS

- []Soudal Announces the Acquisition of Majority Stake in Sharp Chemicals, and Expansion into Japan
- []Meridian Adhesives Group Expands Presence in Southeast Asia
- []H.B. Fuller Company to Acquire Two Leading Medical Adhesive Technology Companies
- []Arkema Completes Acquisition of Dow's Flexible Packaging Laminating Adhesives Business
- []Patent Granted for Dymax's HLC? Technology
- []Henkel Plans to Invest in the Expansion of its Adhesives Plant in Bopfingen
- []Bostik Takes a Key Step Towards Decarbonization with the Launch of Kizen? LIME, a New Range of Packaging Adhesives
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