

Compostable Adhesives Market to Reach USD 2.3 Bn by 2035 — Surge in APAC, Europe, USA & Saudi Arabia Cemented

Compostable adhesives are rapidly gaining traction across packaging and healthcare as sustainability and circular-economy goals reshape market dynamics.

NEWARK, DE, UNITED STATES, November 6, 2025 /EINPresswire.com/ -- The global [Compostable Adhesives Market](#) is anticipated to advance significantly, rising from an estimated USD 1.2 billion in 2025 to approximately USD 2.3 billion by 2035. The forecast reflects a compound annual growth rate (CAGR) of 6.6% over the period.

Context

This growth surge is being driven by the expanding mandate for bio-based, biodegradable bonding solutions across packaging, healthcare, and consumer-goods industries. As manufacturers and brands face increasingly stringent regulations on plastics, recyclability, and circularity — alongside stronger consumer demand for eco-friendly packaging — the adhesives segment is shifting rapidly from petrochemical-based systems to compostable alternatives. Industries such as food and beverage, pharmaceuticals, cosmetics, and industrial packaging are turning to compostable adhesives to meet sustainability goals, reduce lifecycle impact, and align with brand values.

Fast Facts

- Market Value (2025): USD 1.2 billion
- Market Forecast (2035): USD 2.3 billion
- CAGR (2025–2035): 6.6%
- Leading Resin Type in 2025: PLA-based adhesives (36.4% share)



- Leading Adhesive Type in 2025: Water-based compostable adhesives (41.2% share)
- Key Growth Region: Asia-Pacific (led by Japan at ~7.3% CAGR)

What's Winning, and Why

Compostable adhesives are gaining traction as sustainability becomes a business imperative rather than a niche initiative. Water-based systems dominate, thanks to their low volatile organic compound (VOC) profile and suitability for key substrates like paper, board, and films. Meanwhile, polylactic acid (PLA) and other bio-resins are emerging as preferred materials due to their biodegradability and alignment with circular packaging goals.

Brand owners are choosing these adhesives because they enable recyclable or compostable packaging formats without sacrificing performance. The switch from traditional adhesives is supported by innovations in bonding strength, heat and moisture resistance, and compatibility with automated manufacturing lines.

To access the complete data tables and in-depth insights, request a sample report here:

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Where to Play: Channels & Regions

The market spans resin types (PLA, PHA, starch-based, cellulose-based, soy-protein-based), adhesive types (water-based, hot-melt, pressure-sensitive), applications (flexible packaging, labels & tapes, rigid packaging, paper & cardboard packaging, hygiene products), and end-use industries (food & beverage, pharmaceuticals & healthcare, cosmetics & personal care, household & cleaning products, industrial packaging).

In terms of geography:

- Asia-Pacific leads growth due to dynamic packaging markets in China, India, and Japan; Japan is singled out for ~7.3% CAGR.
- North America and Europe remain crucial, driven by regulatory frameworks and brand sustainability commitments. The United States market is forecast at a ~6.7% CAGR.

What Teams Should Do Next

R&D

Focus on developing adhesives that balance compostability with high performance — particularly in heat and moisture resilience and compatibility with automated lines. Explore modular adhesive solutions tailored for flexible production environments.

Marketing & Sales

Position offerings around sustainability credentials and performance comparatives with traditional adhesives. Collaborate with packaging brands to embed compostable adhesives into their value chains, and highlight regulatory compliance and “next-gen packaging” advantages in campaigns.

Regulatory & QA

Ensure adhesives meet regional compostability and recycling standards, including certifications where applicable. Maintain rigorous quality assurance to validate compostable claims and bond performance under real-world conditions.

Sourcing

Diversify suppliers of bio-resins and water-based adhesive formulations. Build circular supply chains for feedstocks (e.g., starch, soy, PLA) and strengthen regional sourcing to reduce lead times and logistics cost.

Three Quick Plays This Quarter

- Launch pilot packaging lines using PLA-based adhesives in food & beverage flexible formats in Asia-Pacific.
- Partner with healthcare or hygiene brands in Europe or North America to trial water-based compostable adhesives in rigid packaging or labels.
- Develop a “sustainability-upgrade” package for adhesive customers, including recycling/composting guidance and supply-chain traceability to differentiate your offering.

The Take

The compostable adhesives market is transitioning into the mainstream of sustainable packaging, driven by regulatory pressure, evolving consumer preferences, and advances in adhesive technology. Companies that invest now in compostable adhesive systems position themselves not only for operational compliance but also for brand leadership, green value-chain advantage, and increased relevance in circular-economy packaging ecosystems.

Full Market Report Available for Delivery. For Purchase or Customization, Please Request Here: <https://www.futuremarketinsights.com/checkout/25762>

Media Line

For analyst briefings or custom cuts by resin type, adhesive type, application, end use, or region, contact Future Market Insights.

Competitive Landscape

The market is moderately concentrated, with major players including H.B. Fuller Company, Bostik (Arkema S.A.), BASF SE, Henkel AG & Co. KGaA, 3M Company, Paramelt B.V., Ashland Global Holdings Inc., and Nvirovate Materials. These players are focusing on high-performance compostable adhesives, global expansion, and sustainability credentials to gain differentiation.

Key Developments

- 2025: Growing number of adhesive manufacturers announced new compostable adhesive lines tailored for food packaging, flexible formats, and labels, aligning with brand and packaging manufacturer sustainability roadmaps.

- 2024: Major brands in Europe and North America began committing to packaging formats that require adhesives meeting compostability or recyclability certifications, accelerating adoption of bio-based adhesives.

Closing Note

As packaging, healthcare, consumer goods, and industrial brands accelerate their shift toward circular-economy materials and sustainable bonding solutions, compostable adhesives stand as a catalyst for transformation. Forward-looking companies that adopt compostable adhesive technologies now will gain not only environmental differentiation but also operational resilience, cost-efficiencies, and future readiness in a rapidly evolving regulatory and consumer landscape.

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