

Butyl Acrylate Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Product Type (i-butyl acrylate, n-butyl acrylate, t-butyl acrylate), By Purity (High Purity, Common Purity), By Application (Adhesives & Sealants, Textile, Plastics, Paints & Coatings, Others), By End User Industry (Packaging, Consumer Goods, Building & Construction, Automation, Others), By Region & Competition, 2021-2031F

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Abstracts

The Global Butyl Acrylate market is projected to expand significantly, rising from a valuation of USD 7.87 Billion in 2025 to USD 11.16 Billion by 2031, reflecting a CAGR of 5.99%. As a prominent acrylic ester synthesized from acrylic acid and n-butanol, butyl acrylate functions as a vital foundation for homopolymers and copolymers utilized extensively in water-based paints, coatings, and adhesives. This market growth is chiefly underpinned by escalating demand within the construction and automotive industries, where the chemical improves the durability, flexibility, and weather resistance of exterior applications. Furthermore, the expanding packaging sector contributes to increased consumption, driven by the enduring requirement for high-performance pressure-sensitive adhesives in logistics and consumer goods.

Despite this positive trajectory, the market confronts a major obstacle regarding the instability of raw material costs, particularly propylene, which can disrupt production economics and pricing frameworks for manufacturers. However, even with these supply chain difficulties, industrial demand for polymer intermediates remains steadfast. Data from the American Chemistry Council indicates that in 2024, the year-to-date production

of major plastic resins? a key end-use category for acrylates? rose by 5.7 percent relative to the prior year. This increase underscores the persistent need for these chemical components, demonstrating resilience in the face of broader economic volatility.

Market Driver

The growing consumption of water-based paints and coatings acts as a central driver for the Global Butyl Acrylate market. With the infrastructure and construction sectors increasingly prioritizing sustainable building methods, there is a marked transition toward high-performance acrylic emulsions that employ butyl acrylate to improve the weather resistance and durability of exterior finishes. This chemical intermediate is crucial for manufacturing latices capable of enduring severe environmental conditions, rendering it essential for contemporary architectural projects. This demand is reflected in the financial results of leading industry players; for instance, The Sherwin-Williams Company reported in January 2024 that net sales from its Paint Stores Group grew by 6.8 percent for the full year of 2023, highlighting continued momentum in architectural coatings that fuels acrylate feedstock consumption.

Market momentum is further accelerated by surging demand for pressure-sensitive adhesives within the packaging industry. Butyl acrylate serves as a vital monomer in the formulation of soft polymers that supply the requisite cohesion and tack for labels, tapes, and protective films heavily utilized in logistics and e-commerce. The growth of this segment is intrinsically linked to the rising volume of shipped goods that necessitate reliable labeling and sealing solutions. In July 2024, Avery Dennison Corporation's Materials Group announced a 5 percent sales increase to \$1.5 billion compared to the previous year, emphasizing the growing requirement for adhesive materials. This sectoral expansion corresponds with wider industrial trends, as evidenced by the American Chemistry Council's report that global chemicals production rose 4.1 percent year-over-year in May 2024, signaling a supportive manufacturing climate for chemical derivatives.

Market Challenge

A primary impediment to the Global Butyl Acrylate market is the volatility associated with raw material costs, particularly those of propylene. Prices for this feedstock are subject to sharp fluctuations influenced by global crude oil dynamics, which unsettle the production economics for acrylate manufacturers. Such unpredictable movements complicate the task of setting consistent prices for downstream clients in the coatings

and paints sectors, often resulting in severe margin compression during periods of spiking input costs. As a result, producers are forced to proceed with extreme prudence, frequently favoring short-term financial security over the long-term investment in capacity required for market growth.

Recent industry data regarding unpredictable input expenses further highlights this instability. In August 2024, the American Chemistry Council noted that chemical manufacturers experienced rising raw material and input costs for a second straight quarter, overturning a previous trend of moderating expenses. This renewed pressure on costs directly impedes growth by fostering a high-risk atmosphere in which manufacturers are reluctant to scale up operations. Rather than expanding to capture potential demand, companies concentrate on neutralizing the financial risks linked to abrupt surges in feedstock prices, a strategy that ultimately suppresses the market's overall developmental momentum.

Market Trends

The Global Butyl Acrylate market is being transformed by a shift toward renewable and bio-based feedstocks as manufacturers focus on decarbonization to align with strict environmental regulations and evolving consumer preferences. This transition entails the application of mass balance methodologies that incorporate biomass-derived raw materials into the production process without compromising the performance characteristics of the resulting acrylic esters. This approach is rapidly achieving industrial scale, ensuring the availability of sustainable options for downstream uses in adhesives and coatings. For example, Arkema announced in July 2025 that it had secured ISCC PLUS certification for all its acrylic monomer production sites globally, facilitating the distribution of bio-attributed acrylates with a lower carbon footprint to international markets.

Simultaneously, the strategic localization of production capabilities within the Asia-Pacific region is gaining speed as major chemical producers construct large-scale plants in India and China to address growing regional demand and alleviate supply chain risks. By positioning manufacturing hubs nearer to primary consumption centers, companies are minimizing their dependence on volatile transcontinental logistics while protecting against import tariffs and currency fluctuations. This trend of regional expansion is defined by the development of integrated petrochemical complexes that ensure feedstock security and optimize cost efficiency. Illustrating this, Wanhua Chemical's 2024 Annual Report detailed progress on its Penglai Industrial Park project, which features a new butyl acrylate plant with an annual capacity of 400,000 tons

intended to bolster domestic supply resilience.

Key Market Players

BASF SE

ARKEMA S.A.

Mitsubishi Chemical Corporation

Nippon Shokubai Co., Ltd.

DuPont de Nemours, Inc.

LG Chem Ltd.

SunVic Chemical Holdings Corporation

Toagosei Co., Ltd.

Wanhua Chemical Group Co., Ltd.

Formosa Plastics Corporation

Report Scope

In this report, the Global Butyl Acrylate market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Butyl Acrylate market, By Product Type

i-butyl acrylate

n-butyl acrylate

t-butyl acrylate

Butyl Acrylate market, By Purity

High Purity

Common Purity

Butyl Acrylate market, By Application

Adhesives & Sealants

Textile

Plastics

Paints & Coatings

Others

Butyl Acrylate market, By End User Industry

Packaging

Consumer Goods

Building & Construction

Automation

Others

Butyl Acrylate market, By Region

North America

United States

Canada

Mexico

Europe

France

United Kingdom

Italy

Germany

Spain

Asia Pacific

China

India

Japan

Australia

South Korea

South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

Competitive Landscape

Company Profiles: Detailed analysis of the major companies present in the Global Butyl Acrylate market.

Available Customizations:

Global Butyl Acrylate market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

Company Information

Detailed analysis and profiling of additional market players (up to five).

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