

# Butyl Acrylate Market Report: Trends, Forecast and Competitive Analysis to 2030

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## Abstracts

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### Butyl Acrylate Trends and Forecast

The future of the global butyl acrylate market looks promising with opportunities in the paints & coatings, adhesives & sealants, chemical synthesis, plastic additives, and textiles markets. The global butyl acrylate market is expected to grow with a CAGR of 5.4% from 2024 to 2030. The major drivers for this market are the increasing demand from the automotive industry, the growing adoption of sustainable manufacturing processes, and the surging demand in the petrochemical sector.

Lucintel forecasts that, within the purity category, high purity is expected to witness higher growth over the forecast period due to its superior properties like higher clarity and gloss, enhanced stability and durability, and improved processability.

Within the application category, paints & coatings are expected to witness the highest growth.

In terms of regions, APAC is expected to witness the highest growth over the forecast period due to rapid urbanization and growing investment in the construction and automotive industries.

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## Emerging Trends in the Butyl Acrylate Market

The butyl acrylate market is evolving rapidly, influenced by a range of emerging trends that are shaping its future. These trends reflect shifting consumer preferences, technological advancements, and regulatory requirements.

**Sustainability and Eco-Friendly Products:** The demand for sustainable and eco-friendly products is rising as consumers become more environmentally conscious. This trend is prompting manufacturers to develop bio-based and low-VOC formulations of butyl acrylate. By focusing on reducing environmental impact, companies can not only comply with regulations but also attract eco-conscious customers. The shift towards sustainability is transforming product development strategies and encouraging innovation in the sector.

**Technological Advancements in Production:** Innovations in production technologies are significantly improving the efficiency and quality of butyl acrylate. Automation and smart manufacturing processes are being adopted to reduce costs and enhance output. Advanced techniques like continuous flow production and digital monitoring systems are streamlining operations. These technological improvements enable manufacturers to respond quickly to market demands, reduce waste, and optimize resource use, ultimately driving competitiveness.

**Growth in End-Use Industries:** The expanding applications of butyl acrylate in various end-use industries, such as construction, automotive, and packaging, are creating new opportunities. As infrastructure projects proliferate and electric vehicles gain traction, demand for high-performance adhesives and coatings is surging. This growth encourages companies to diversify their product offerings and explore new market segments, ensuring sustained demand for butyl acrylate.

**Regulatory Compliance and Safety Standards:** Increasing regulatory scrutiny regarding chemical safety and environmental impact is pushing manufacturers to enhance compliance measures. This trend is driving the development of safer, more sustainable products that meet stringent regulations. Companies that proactively adapt to these changing standards can gain a competitive edge, as consumers increasingly prioritize safety and environmental responsibility in their purchasing decisions.

**Global Supply Chain Optimization:** The COVID-19 pandemic highlighted vulnerabilities in global supply chains, prompting companies to rethink their strategies. Efforts to localize production and build resilient supply chains are becoming critical. By optimizing logistics and establishing regional partnerships, manufacturers can mitigate risks associated with global disruptions. This trend not only enhances operational efficiency but also supports sustainable practices by reducing transportation emissions.

In conclusion, these emerging trends are reshaping the butyl acrylate market by fostering innovation, promoting sustainability, and enhancing compliance. As companies adapt to these changes, they are better positioned to meet evolving consumer demands and regulatory requirements, ultimately driving the future growth of the market.

### Recent Developments in the Butyl Acrylate Market

The butyl acrylate market has seen numerous significant developments that have impacted its trajectory. These changes reflect shifts in consumer demand, technological advancements, and evolving regulatory landscapes. The following five key developments highlight how the market is adapting to current challenges and opportunities.

**Introduction of Bio-Based Butyl Acrylate:** The introduction of bio-based butyl acrylate has marked a significant shift towards sustainability in the industry. This product, derived from renewable resources, aligns with growing environmental concerns and regulatory requirements. Companies investing in bio-based alternatives can appeal to eco-conscious consumers, enhancing their market position. This development not only addresses sustainability but also opens new avenues for growth in applications where traditional petrochemical products were predominant.

**Expansion of Production Facilities:** Many manufacturers are expanding their production facilities to meet the rising demand for butyl acrylate. This trend is particularly evident in regions with burgeoning construction and automotive sectors. By increasing capacity, companies aim to improve supply chain resilience and reduce lead times. Such expansions often incorporate advanced technologies, enabling more efficient and environmentally friendly production processes, and ultimately strengthening market competitiveness.

**Focus on Low-VOC Products:** The rising emphasis on low-VOC products is transforming the butyl acrylate market. Manufacturers are responding to consumer demand for safer, more environmentally friendly options by reformulating products to reduce volatile organic compounds. This shift not only meets regulatory requirements but also addresses health concerns associated with traditional chemicals. As awareness grows, companies that prioritize low-VOC solutions are likely to capture a larger share of the market.

**Collaborations and Partnerships:** Strategic collaborations between manufacturers, research institutions, and industry stakeholders are fostering innovation in the butyl acrylate market. These partnerships enhance R&D capabilities, leading to the development of new applications and technologies. By pooling resources and expertise, companies can accelerate product development and improve their competitive advantage. This trend is particularly significant as firms strive to meet diverse consumer needs and navigate complex regulatory landscapes.

**Adoption of Smart Manufacturing Techniques:** The integration of smart manufacturing techniques is revolutionizing production in the butyl acrylate market. Companies are implementing IoT (Internet of Things) technologies and advanced analytics to optimize operations. These innovations enhance production efficiency, reduce costs, and improve product quality. By leveraging data-driven insights, manufacturers can respond more swiftly to market changes and consumer preferences, positioning themselves for sustained growth.

In conclusion, these recent developments are significantly impacting the butyl acrylate market. By focusing on sustainability, expanding production capabilities, and embracing innovation, companies are better equipped to navigate the challenges and opportunities of the evolving landscape, ultimately driving growth and enhancing market resilience.

### Strategic Growth Opportunities for Butyl Acrylate Market

The butyl acrylate market is poised for growth due to increasing demand across various applications, including coatings, adhesives, and sealants. The push for sustainability, coupled with technological advancements, is creating significant opportunities for innovation and expansion. Companies that strategically position themselves in high-growth application areas can capitalize on emerging trends and consumer preferences.

This overview identifies five key growth opportunities in the butyl acrylate market, focusing on specific applications that are expected to drive future demand.

**Coatings:** The demand for high-performance coatings, particularly in the construction and automotive sectors, is a significant growth opportunity for butyl acrylate. As industries emphasize durability and aesthetics, formulations incorporating butyl acrylate provide excellent adhesion and flexibility. Innovations in low-VOC and environmentally friendly coatings further enhance market appeal. This focus on sustainable solutions not only meets regulatory requirements but also caters to eco-conscious consumers, driving market expansion.

**Adhesives:** The adhesive sector represents a robust opportunity, especially with the rise in e-commerce and packaging demands. Butyl acrylate-based adhesives offer superior bonding strength and flexibility, making them ideal for various applications. The trend towards lightweight materials in the automotive and electronics sectors further drives this demand. As manufacturers seek innovative adhesive solutions, butyl acrylate's versatility positions it as a key ingredient, facilitating growth in this application.

**Sealants:** Butyl acrylate's role in sealants is critical, particularly in the construction and automotive industries. Its excellent weather resistance and adhesion properties make it ideal for sealing joints and gaps. As building codes become more stringent regarding energy efficiency and sustainability, the demand for effective sealants will rise. This trend encourages manufacturers to develop high-performance sealants, thereby boosting the butyl acrylate market.

**Textiles:** The textile industry is increasingly adopting butyl acrylate in fabric coatings and adhesives. With a growing focus on performance fabrics for sports and outdoor applications, butyl acrylate offers advantages in durability and water resistance. As consumer preferences shift towards high-performance textiles, manufacturers are exploring innovative uses of butyl acrylate, driving its application in this sector.

**Healthcare:** The healthcare sector presents a unique growth opportunity for butyl acrylate, particularly in medical adhesives and coatings. With advancements in medical technologies and increasing demand for biocompatible materials, butyl acrylate can play a pivotal role. Its properties facilitate safe bonding and coating for medical devices, making it essential in the evolving healthcare landscape,

thus expanding its market reach.

In conclusion, the strategic growth opportunities in the butyl acrylate market across key applications are poised to enhance its relevance and market share. By focusing on coatings, adhesives, sealants, textiles, and healthcare, manufacturers can leverage these opportunities to drive innovation and growth.

### Butyl Acrylate Market Driver and Challenges

The butyl acrylate market is influenced by various technological, economic, and regulatory factors that present both opportunities and challenges. Understanding these drivers and challenges is crucial for companies looking to navigate the complex market landscape. As the demand for butyl acrylate continues to evolve, identifying the key influences will help stakeholders make informed decisions to optimize growth strategies.

The factors responsible for driving the butyl acrylate market include:

**Growing Demand for Eco-Friendly Products:** Increasing consumer awareness of environmental issues is driving demand for sustainable, low-VOC, and bio-based products. Companies that prioritize eco-friendly formulations can enhance their market presence and meet regulatory standards. This shift is leading to greater innovation in butyl acrylate formulations, allowing manufacturers to attract eco-conscious customers and differentiate themselves in a competitive landscape.

**Technological Advancements in Manufacturing:** Innovations in manufacturing processes, such as automation and smart technologies, are enhancing the efficiency and quality of butyl acrylate production. These advancements enable companies to optimize resource use and reduce production costs. As efficiency improves, manufacturers can respond more swiftly to market demands, fostering competitiveness and potentially leading to increased market share.

**Expansion of End-Use Industries:** The growth of key end-use industries, such as construction, automotive, and packaging, is driving the demand for butyl acrylate. Increased infrastructure projects and the rise of electric vehicles are particularly noteworthy. As these sectors expand, the need for high-performance adhesives, coatings, and sealants continues to grow, providing significant opportunities for butyl acrylate manufacturers.



**Regulatory Support for Sustainable Practices:** Governments worldwide are implementing regulations that encourage the use of sustainable materials. This regulatory support can act as a driver for butyl acrylate adoption, particularly in industries that are seeking to comply with stricter environmental standards. Companies that align their products with these regulations can benefit from increased market opportunities and improved public perception.

**Rising Urbanization and Infrastructure Development:** Global urbanization and ongoing infrastructure development projects are driving demand for construction materials, including butyl acrylate-based products. As urban populations increase, the need for durable and efficient materials in buildings and transportation rises. This trend is expected to boost the butyl acrylate market significantly in the coming years.

Challenges in the butyl acrylate market are:

**Volatility in Raw Material Prices:** Fluctuations in the prices of raw materials used in the production of butyl acrylate can impact profitability. Price volatility can lead to uncertainty in budgeting and forecasting, affecting investment decisions. Manufacturers may need to adopt strategic sourcing and risk management practices to mitigate the impact of raw material price fluctuations.

**Intense Competition:** The butyl acrylate market is characterized by intense competition among established players and new entrants. This competitive landscape can lead to price wars and reduced profit margins. Companies must differentiate their offerings through innovation and quality to maintain a competitive edge, which can require substantial investment in research and development.

**Regulatory Challenges:** Navigating the complex regulatory environment surrounding chemicals can pose challenges for butyl acrylate manufacturers. Compliance with evolving safety and environmental regulations requires continuous monitoring and adaptation. Companies that fail to meet these standards may face penalties, which can hinder their market position and impact profitability.

In conclusion, the drivers and challenges impacting the butyl acrylate market present a complex interplay that influences growth and strategy. While increasing demand for eco-friendly products and technological advancements offer significant opportunities, challenges such as raw material price volatility and regulatory compliance require careful navigation. Companies that effectively leverage these drivers while addressing challenges will be better positioned for success in the evolving market landscape.

### List of Butyl Acrylate Companies

Companies in the market compete on the basis of product quality offered. Major players in this market focus on expanding their manufacturing facilities, R&D investments, infrastructural development, and leverage integration opportunities across the value chain. Through these strategies butyl acrylate companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the butyl acrylate companies profiled in this report include-

BASF

Arkema

Dow

Evonik Industries

SIBUR

LG Chem

SASOL

### Butyl Acrylate by Segment

The study includes a forecast for the global butyl acrylate by product type, purity, application, and region.

### Butyl Acrylate Market by Product Type [Analysis by Value from 2018 to 2030]:



I-Butyl Acrylate

N-Butyl Acrylate

T-Butyl Acrylate

Butyl Acrylate Market by Purity [Analysis by Value from 2018 to 2030]:

High Purity

Common Purity

Butyl Acrylate Market by Application [Analysis by Value from 2018 to 2030]:

Paints & Coatings

Adhesives & Sealants

Chemical Synthesis

Plastic Additives

Textiles

Others

Butyl Acrylate Market by Region [Analysis by Value from 2018 to 2030]:

North America

Europe

Asia Pacific

The Rest of the World

## Country Wise Outlook for the Butyl Acrylate Market

The butyl acrylate market has experienced significant changes recently, driven by evolving consumer preferences, technological advancements, and regulatory shifts across major economies. The growing demand for high-performance coatings, adhesives, and sealants has propelled butyl acrylate applications, particularly in the construction, automotive, and packaging industries. This overview highlights recent developments in the United States, China, Germany, India, and Japan, providing insights into regional market dynamics and advancements that are shaping the future of butyl acrylate.

**United States:** In the U.S., the butyl acrylate market has seen robust growth due to increasing demand from the construction and automotive sectors. Key players are investing in capacity expansion and innovation to meet sustainability goals. Recent advancements include the development of bio-based butyl acrylate, which aligns with environmental regulations. Additionally, the shift towards low-VOC (volatile organic compounds) formulations has led to new product launches, enhancing performance while reducing environmental impact. Collaborative efforts among industry stakeholders are also paving the way for improved supply chain efficiencies.

**China:** The Chinese butyl acrylate market is thriving, driven by rapid industrialization and urbanization. The government's initiatives to boost infrastructure projects are significantly increasing demand. Recent developments include the establishment of new manufacturing plants equipped with advanced technology to enhance production efficiency. Moreover, the rise of eco-friendly products has led to increased research into sustainable alternatives. Partnerships between local and international companies are fostering innovation and improving quality standards, positioning China as a key player in the global butyl acrylate landscape.

**Germany:** The German market for butyl acrylate is marked by a strong emphasis on sustainability and innovation. With stringent environmental regulations, manufacturers are focusing on low-emission products and enhancing their R&D efforts in developing high-performance, eco-friendly coatings and adhesives. The automotive industry's shift towards electric vehicles is also creating opportunities for butyl acrylate in lightweight materials and advanced adhesives. Collaboration between academia and industry is driving technological advancements, further solidifying Germany's reputation as a leader in chemical

production and innovation.

**India:** In India, the butyl acrylate market is on an upward trajectory, fueled by the growth of the construction and automotive sectors. Increased investments in infrastructure development and a surge in consumer goods production are propelling demand. Recent initiatives focus on enhancing local production capabilities and reducing dependency on imports. The government's push for manufacturing under the "Make in India" initiative is encouraging domestic players to innovate and expand. Additionally, rising awareness about environmentally friendly products is pushing manufacturers to explore sustainable alternatives in their offerings.

**Japan:** The Japanese butyl acrylate market is witnessing steady growth, driven by advancements in technology and strong demand from various industries. Companies are increasingly investing in automation and smart manufacturing to enhance production efficiency. The focus on sustainable practices has led to innovations in low-VOC and eco-friendly formulations. Furthermore, the aging population is influencing product demand in healthcare applications, prompting manufacturers to explore new market opportunities. Collaborations between leading chemical companies and research institutions are fostering innovation, positioning Japan as a key market for advanced butyl acrylate solutions.

## Features of the Global Butyl Acrylate Market

**Market Size Estimates:** Butyl acrylate market size estimation in terms of value (\$B).

**Trend and Forecast Analysis:** Market trends (2018 to 2023) and forecast (2024 to 2030) by various segments and regions.

**Segmentation Analysis:** Butyl acrylate market size by product type, purity, application, and region in terms of value (\$B).

**Regional Analysis:** Butyl acrylate market breakdown by North America, Europe, Asia Pacific, and Rest of the World.

**Growth Opportunities:** Analysis of growth opportunities in different product types, purity, applications, and regions for the butyl acrylate market.

Strategic Analysis: This includes M&A, new product development, and competitive landscape of the butyl acrylate market.

Analysis of competitive intensity of the industry based on Porter's Five Forces model.

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This report answers following 11 key questions:

Q.1. What are some of the most promising, high-growth opportunities for the butyl acrylate market by product type (i-butyl acrylate, n-butyl acrylate, and t-butyl acrylate), purity (high purity and common purity), application (paints & coatings, adhesives & sealants, chemical synthesis, plastic additives, textiles, and others), and region (North America, Europe, Asia Pacific, and the Rest of the World)?

Q.2. Which segments will grow at a faster pace and why?

Q.3. Which region will grow at a faster pace and why?

Q.4. What are the key factors affecting market dynamics? What are the key challenges and business risks in this market?

Q.5. What are the business risks and competitive threats in this market?

Q.6. What are the emerging trends in this market and the reasons behind them?

Q.7. What are some of the changing demands of customers in the market?

Q.8. What are the new developments in the market? Which companies are leading these developments?

Q.9. Who are the major players in this market? What strategic initiatives are key players pursuing for business growth?

Q.10. What are some of the competing products in this market and how big of a threat do they pose for loss of market share by material or product substitution?

Q.11. What M&A activity has occurred in the last 5 years and what has its impact been on the industry?

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