

Bio-based Coatings: Global Markets

Market Research Report | 2025-08-14 | 130 pages | BCC Research

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Report description:

Description

Report Scope

The report analyzes the global market for bio-based coatings. Estimated values are based on manufacturers' total revenues. Projected revenue values are in constant U.S. dollars, unadjusted for inflation. The global bio-based coatings market is segmented by:

- Product type (water-borne, solvent-borne, powder, and high solids).
- Resin type (acrylic, alkyd, polyurethane, and others).
- Functionality (decorative, protective, antimicrobial, and others).
- End use (building and construction, transportation, furniture, packaging, and others).
- Region (North America, Europe, Asia-Pacific, South America, and the Middle East and Africa (MEA).

Report Includes

- 117 data tables and 41 additional tables
- An updated assessment of the global bio-based coatings market
- In-depth analysis of global market trends, featuring historical revenue data for 2024, estimated figures for 2025, as well as forecasts for 2029, including projections of CAGRs through 2030
- Evaluation of the current market size and revenue growth prospects specific to the bio-based coatings, accompanied by a market share analysis by resin type, product type, functionality, end-use industry and region
- Analysis of current and future demand in the global bio-based coatings industry, along with a detailed analysis of the competitive environment, market regulations and reimbursement practices
- Review of patents granted for bio-based coatings by each major category and of emerging developments in the global market
- In-depth information on increasing investments in R&D activities, key technology issues, and industry-specific challenges of this market
- Market share analysis of the key market participants in the bio-based coatings industry, along with their research priorities,

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product portfolios, global rankings and company competitive landscape

- Profiles of major companies within the industry, including BASF, Covestro AG, Akzo Nobel N.V., Arkema, and Axalta Coating Systems LLC

Executive Summary

Summary:

The global market for bio-based coatings is expected to grow from \$13.6 billion in 2025 and is projected to reach \$22.6 billion by the end of 2030, at a compound annual growth rate (CAGR) of 10.7% during the forecast period of 2025 to 2030.

Bio-based coatings protect surfaces from corrosion, scratches, oxidation, weathering, abrasions, impact, and UV exposure.

Bio-based coatings are primarily used by the automotive, infrastructure, packaging, furniture, marine, aerospace, defense, and agriculture industries.

Conventional coating producers are entering the bio-based coatings market. To meet their net-zero commitments, leading manufacturers are designing and promoting the use of bio-based coatings. Public companies are involved in scientific research on bio-based coatings and are developing technologies that are reshaping the coating industry.

In addition, supportive government policies such as the EU Green Deal and Green Buildings Certification (GBC) are highlighting the importance of bio-based coatings in the circular economy and driving the growth of the global market for bio-based coatings.

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ARKEMA
AXALTA COATING SYSTEMS LLC
BASF
BIOSHIELD COATING SOLUTIONS
CORTEC CORP.
COVESTRO AG
MASQUELACK CHEMICAL INDUSTRIES SA
MELODEA
NIPPON PAINT HOLDINGS CO. LTD.
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