

Antimicrobial Coating Market: Trends, Opportunities and Competitive Analysis to 2030

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Abstracts

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Antimicrobial Coating Market Introduction

The global antimicrobial coating market has witnessed significant growth in recent years, fueled by the increasing demand for advanced hygiene solutions in various sectors. Antimicrobial coatings are designed to inhibit the growth of microorganisms on surfaces, providing protection against bacteria, viruses, fungi, and other harmful pathogens. This market report provides an in-depth analysis of the antimicrobial coating market, focusing on market share, key players, and emerging trends.

Antimicrobial Coating Market Overview

Lucintel finds that the future of the global antimicrobial coating market looks promising with opportunities in building & construction, medical, food & beverages, and textile industries. The global antimicrobial coatings market is expected to reach an estimated \$7.7 billion by 2030 with a CAGR of 6.5% from 2024 to 2030. The major drivers for this market are increasing concern about health and hygiene and growing demand of antimicrobial coatings in building and construction, medical, and food & beverages industries.

The antimicrobial coating market has experienced robust growth. The heightened awareness of infectious diseases, coupled with the need for safer and cleaner environments, has been the primary driver for the market's expansion. Antimicrobial coatings offer an effective solution to reduce the risk of cross-contamination and infection transmission, making them highly sought-after in healthcare facilities, public

spaces, and other high-traffic areas.

A total of 93 figures / charts and 93 tables are provided in this 211-page report to help in your business decisions. A sample figure with insights is shown below.

Emerging Trends in the Antimicrobial Coating Market

The COVID-19 pandemic has heightened the importance of infection control measures, leading to a surge in demand for antimicrobial coatings. Industries such as healthcare, hospitality, and transportation are actively adopting these coatings to ensure the safety of their customers and employees.

Technological advancements in coating formulations: Ongoing research and development efforts are focused on developing advanced antimicrobial coating formulations that provide longer-lasting and more effective protection. Nanotechnology and biomimetic approaches are being explored to enhance the antimicrobial properties of coatings, opening up new possibilities for the market.

Sustainability and eco-friendly coatings: With increasing environmental consciousness, there is a growing emphasis on developing sustainable and eco-friendly antimicrobial coatings. Manufacturers are striving to reduce the use of harmful chemicals and explore natural antimicrobial agents, such as silver, copper, and plant extracts, to meet the demand for greener coating solutions.

Emerging trends, which have a direct impact on the dynamics of the industry, include increasing use of layer by layer antimicrobial dip coating process and development of new technology to extract antimicrobial from natural sources.

Antimicrobial Coating Market by Segment

The study includes a forecast for the global antimicrobial coating market by resin type, end use industry, biocides type, and region as follows:

Antimicrobial Coating Market by Resin Type [Value (\$M) and Volume (M lbs) shipment analysis for 2018 – 2030]:

Acrylic

Polyester

Polyurethane

Epoxy

Others

Antimicrobial Coating Market by End Use Industry [Value (\$M) and Volume (M lbs) shipment analysis for 2018 – 2030]:

Building and Construction

Medical

Food and Beverages

Textile

Others

Antimicrobial Coating Market by Biocides Type [Value (\$M) and Volume (M lbs) shipment analysis for 2018 – 2030]:

Silver

Copper

Zinc

Quaternary Ammonium Compounds

Octylisothiazolinone

Others

Antimicrobial Coating Market by Region [Value (\$M) and Volume (M lbs) analysis for

2018 – 2030]:

North America

- o USA

- o Mexico

- o Canada

Europe

- o Germany

- o Russia

- o UK

- o Italy

- o France

Asia Pacific

- o China

- o India

- o Japan

- o South Korea

The Rest of the World

- o Turkey

o UAE

Antimicrobial CoatingMarket Share

The global antimicrobial coating market is experiencing substantial growth, driven by the rising awareness of infectious diseases and the need for enhanced hygiene solutions. The market is characterized by fierce competition among key players who invest in research and development to develop innovative coatings and gain a larger market share. With emerging trends such as increased demand during pandemics, technological advancements, and a focus on sustainability, the antimicrobial coating market is poised for continued growth in the coming years. Industry stakeholders need to stay abreast of these trends and adapt their strategies to capitalize on the expanding market.

Antimicrobial CoatingManufacturers

The market for antimicrobial coatings is highly competitive, with several key players vying for market share. Companies such as AkzoNobel N.V., PPG Industries, Sherwin-Williams Company, and Axalta Coating Systems have established their presence in the market and hold a significant market share. These players invest heavily in research and development to develop innovative coating technologies, expand their product portfolios, and cater to the specific needs of end-user industries.

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. With these strategies antimicrobial coating companies cater increasing demand, ensure competitive effectiveness, develop innovative products & technologies, reduce production costs, and expand their customer base. Some of the antimicrobial coating companies profiled in this report includes.

Akzo Nobel

PPG

Sherwin-Williams

Axalta

BASF

Antimicrobial Coating Market Insight

Lucintel forecasts that silver biocides based antimicrobial coating will remain the largest segment due to its better antimicrobial properties. Quaternary ammonium compounds based antimicrobial coating is expected to witness the highest growth during the forecast period due to its organic properties, low toxic level, and wide range of applications.

Antimicrobial coating for building & construction will remain the largest segment due to increasing demand for antimicrobial coatings in HVAC systems and growing health concern.

North America will remain the largest region and it is also expected to witness the highest growth over the forecast period due to high standards of living and increasing awareness regarding healthcare in this region.

Features of Antimicrobial Coating Market

Market Size Estimates: Antimicrobial coating market size estimation in terms of value (\$M) and volume (M lbs)

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

Segmentation Analysis: Market size by resin type, end use industry, and biocides type.

Regional Analysis: Antimicrobial coating market breakdown by North America, Europe, Asia Pacific, and the Rest of the World.

Growth Opportunities: Analysis of growth opportunities in different resin type, end use industry, biocides type, and regions for the antimicrobial coating market.

Strategic Analysis: This includes M&A, new product development, and

competitive landscape for the antimicrobial coating market.

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

Frequently Asked Questions (FAQ)

Q1. How big is the antimicrobial coating market?

Answer: The global antimicrobial coating market is expected to reach an estimated \$7.7 billion by 2030

Q2. What is the antimicrobial coatings market growth?

Answer: The antimicrobial coating market is expected to grow at a CAGR of 6.5% from 2024 to 2030.

Q3. What are the major drivers influencing the growth of the antimicrobial coating market?

Answer: The major drivers for this market are increasing concern about health and hygiene and growing demand of antimicrobial coatings in building and construction, medical, and food & beverages industries

Q4. What are the major applications or end use industries for antimicrobial coating?

Answer: Building and construction are the major end use industries for antimicrobial coating.

Q5. What are the emerging trends in antimicrobial coating market?

Answer: Emerging trends, which have a direct impact on the dynamics of the industry, include increasing use of layer by layer antimicrobial dip coating process and development of new technology to extract antimicrobial from natural sources.

Q6. Who are the key antimicrobial coating companies?

Answer: Some of the key antimicrobial coating companies are as follows:

Akzo Nobel

Sherwin-Williams

PPG

Axalta

BASF

Q7. Which antimicrobial coating biocides type segment will be the largest in future?

Answer: Lucintel forecasts that silver biocides based antimicrobial coating will remain the largest segment due to its better antimicrobial properties

Q8. In antimicrobial coating market, which region is expected to be the largest in next 5 years?

Answer: North America is expected to remain the largest region and witness the good growth over next 5 years

Q9. Do we receive customization in this report?

Answer: Yes, Lucintel provides 10% Customization Without any Additional Cost.

This report answers following 11 key questions

Q.1 What are some of the most promising potential, high growth opportunities for the global antimicrobial coating market by resin type (acrylic, polyester, polyurethane, epoxy and others), end use industry (building & construction, medical, food & beverages, textile and others), biocides type (silver, copper, zinc, quaternary ammonium compounds, octylisothiazolinone 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 regions will grow at a faster pace and why?

Q.4 What are the key factors affecting market dynamics? What are the drivers and challenges of the market?

Q.5 What are the business risks and threats to the market?

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

Q.7 What are 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 being implemented by key players for business growth?

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

Q.11 What M & A activities have taken place in the last 5 years in this market?

For any questions related to antimicrobial coating market or related to antimicrobial coating companies, antimicrobial coating market size, antimicrobial coating market share, antimicrobial coating analysis, write Lucintel analyst at email: helpdesk@lucintel.com. We will be glad to get back to you soon.

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