

# **Antimicrobial coatings Market: Segmented by Type (Silver, Copper, Titanium Dioxide and Others); By End User (Medical & Healthcare, Food & Beverage, Building & Construction, HVAC System, Transportation, Protective Clothing and Others); and Region – Global Analysis of Market Size, Share & Trends for 2019–2020 and Forecasts to 2030**

<https://marketpublishers.com/r/AEC0B7518960EN.html>

Date: July 2024

Pages: 152

Price: US\$ 5,000.00 (Single User License)

ID: AEC0B7518960EN

## **Abstracts**

[173+ Pages Research Report] Global Antimicrobial coatings Market to surpass USD 9.73 billion by 2030 from USD 3.6 billion in 2020 at a CAGR of 11.1% in the coming years, i.e., 2021-30.

### **Product Overview**

A microbe-resistant coating that inhibits microbial contamination is referred to as an antimicrobial coating. Dry or flat surfaces are coated with these coatings. In addition, antimicrobial coatings are used in clinical products, gadgets, and surfaces in order to avoid disease transmission.

### **Market Highlights**

Global Antimicrobial coatings market is expected to project a notable CAGR of 11.1% in 2030.

The rising adoption of antimicrobial coatings to reduce the risk of healthcare-associated infections; increasing awareness programs by various organizations to raise awareness about antimicrobial coated packaging to reduce microbial contamination in packaged food; and increasing initiatives and funding by the government and various organizations are all contributing to the market growth.

## Global Antimicrobial coatings: Segments

Silver segment to grow with the highest CAGR during 2020-30

Global Antimicrobial coatings market is segmented by type into Silver, Copper, Titanium Dioxide, and Others. Silver segment held the largest market share in the year 2020. The silver segment's dominant market position can be due to its excellent efficacy, low toxicity, long-lasting effect, and durability. The rise in demand can also be due to increased demand from the medical and healthcare, food and beverage, and other industrial sectors to guarantee worker safety and hygiene and to prevent the spread of COVID-19 virus, bacteria, and other germs on frequently touched surfaces.

Medical & Healthcare segment to grow with the highest CAGR during 2020-30

Global Antimicrobial coatings market is divided by end-user into Medical & Healthcare, Food & Beverage, Building & Construction, HVAC System, Transportation, Protective Clothing and Others. Over the forecast period, the Medical & Healthcare segment is projected to expand at the fastest pace. Antimicrobial coatings are most commonly used in the medical and healthcare industries. The growing worry about hospital-acquired infections and their impact on humans are important driving factors for the antimicrobial coating market in the medical and healthcare industry. The need for antimicrobial coatings in the medical and healthcare industries has risen dramatically as a result of the COVID-19 outbreak.

## Market Dynamics

### Drivers

Concerns regarding cleanliness and need for medicinal disinfectants

Growing concerns about cleanliness in many industries have resulted in increased product demand, resulting in the global market's rapid growth. Antimicrobial coatings are used to protect surfaces from microorganisms such as parasites, germs, bacteria, and other undesirable microbes. The need for numerous medicinal medications, disinfectants, and sanitizers has surged as a result of the global Covid-19 outbreak. As a result, the demand for antimicrobial coatings in medical devices is increasing.

Safety and hygiene concerns and rising cases of HAIs

Additionally, with the growing concern and raising awareness about safety and hygiene

across the globe, several manufacturers, such as textile, consumer goods, and electronics manufacturers are focusing on the development of antimicrobial products. It will help to comply with changing consumer preferences and market demand. This application category is predicted to develop faster than sanitary facilities & kitchens and air conditioning & ventilation systems. Concerns over the rising number of cases of Hospital-Acquired Infections (HAIs) are also supporting the industry's overall growth.

#### Restraint

High cost associated with it and limited awareness

Antimicrobial coatings are more expensive than regular coating products. In addition, the market grew rapidly due to low purchasing power, low per capita income, and limited awareness of antimicrobial coatings in developing nations compared to industrialized countries. Furthermore, the market's expansion is being hampered by the need for specialized workers to apply antimicrobial coatings.

#### Global Antimicrobial coatings: Key Players

AkzoNobel

Company Overview, Business Strategy, Key Product Offerings, Financial Performance, Key Performance Indicators, Risk Analysis, Recent Development, Regional Presence, SWOT Analysis

#### The Sherwin-Williams Company

Axalta Coating Systems

PPG Industries

Nippon Paint Holdings

DuPont de Nemours

RPM International Inc.

Diamond Vogel Paint Company

BASF SE

#### Other Prominent Players

#### Global Antimicrobial coatings: Regions

Global Antimicrobial coatings market is segmented based on regional analysis into five major regions. These include North America, Latin America, Europe, Asia Pacific, and the Middle East, and Africa. The market for Antimicrobial coatings is dominated by North America. Increased urbanization and industrialization, rising consumer disposable income, and rising demand from various end-use industries, such as aerospace, are all contributing to this increase. The thermal spray coating market is also predicted to

increase due to the cheap availability of raw materials in the region.

Global Antimicrobial coatings is further segmented by region into:

North America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United States and Canada

Latin America Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – Mexico, Argentina, Brazil, and Rest of Latin America

Europe Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – United Kingdom, France, Germany, Italy, Spain, Belgium, Hungary, Luxembourg, Netherlands, Poland, NORDIC, Russia, Turkey, and Rest of Europe

Asia Pacific Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – India, China, South Korea, Japan, Malaysia, Indonesia, New Zealand, Australia, and Rest of APAC

Middle East and Africa Market Size, Share, Trends, Opportunities, Y-o-Y Growth, CAGR – North Africa, Israel, GCC, South Africa, and Rest of MENA

Global Antimicrobial coatings report also contains analysis on:

Antimicrobial coatings Segments:

By Type

Silver

Copper

Titanium Dioxide

Others

By End-User

Medical & Healthcare

Food & Beverage

Building & Construction

HVAC System

Transportation

Protective Clothing

Others

Antimicrobial coatings Dynamics

Antimicrobial coatings Size

Supply & Demand

Current Trends/Issues/Challenges

Competition & Companies Involved in the Market

Value Chain of the Market

Market Drivers and Restraints

Antimicrobial coatings Market Report Scope and Segmentation  
Report Attribute Details

Market size value in 2020 USD 3.6 billion

Revenue forecast in 2030 USD 9.73 billion

Growth Rate CAGR of 11.1% from 2021 to 2030

Base year for estimation 2020

Quantitative units Revenue in USD million and CAGR from 2021 to 2030

Report coverage Revenue forecast, company ranking, competitive landscape, growth factors, and trends

Segments covered Type, end-user, and Region

Regional scope North America; Europe; Asia Pacific; Latin America; Middle East & Africa (MEA)

Key companies profiled AkzoNobel, The Sherwin-Williams Company, Axalta Coating Systems, PPG Industries, Nippon Paint Holdings, DuPont de Nemours, RPM International Inc., Diamond Vogel Paint Company, BASF SE, and Other Prominent Players

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\*\*The above given segmentations and companies could be subjected to further modification based on in-depth feasibility studies conducted for the final deliverable.

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