

# The Global Market for Advanced Bactericidal & Viricidal Coatings and Surfaces 2021

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## Abstracts

The Global Market for Advanced Bactericidal & Viricidal Coatings and Surfaces provides an in depth market analysis of Advanced Bactericidal & Viricidal Coatings and Surface solutions in light of the COVID-19 crisis and the latest technology developments. Industry interest in these types of coatings products was previously hindered by high price, and mainly limited to food packaging and healthcare settings. There is now a significant market opportunity for companies to develop Advanced Bactericidal & Viricidal Coatings and Surface solutions that can counter the health hazards caused by bacteria and viruses for a wide range of applications.

Advanced Bactericidal & Viricidal Coatings have numerous applications, for virtually all surfaces including:

fabric (mask, gloves, doctor coats, curtains, bed sheet)

metal (lifts, doors handle, nobbs, railings, public transport)

wood (furniture, floors and partition panels)

concrete (hospitals, clinics and isolation wards)

plastics (switches, kitchen and home appliances).

Report contents include:

Current technology and materials used in Advanced Bactericidal & Viricidal

Coatings and Surfaces. These include graphene, silicon dioxide nanoparticles, silver/nanosilver, photocatalytic coatings, zinc oxide/zinc oxide nanoparticles, hydrogels, nanocellulose, carbon nanotubes, fullerenes, gold nanoparticles, cerium oxide nanoparticles, chitosan/chitosan nanoparticles, copper nanoparticles, adaptive biomaterials, electroactive smart materials, 2D materials and antibacterial liquid metals.

Market forecasts to 2030, broken down by applications, markets and types of coatings.

Analysis of end user markets for Advanced Bactericidal & Viricidal Coatings and Surfaces including:

Interiors

Stainless steel, glass, plastics and ceramic surfaces.

Medical facilities and sensitive building applications.

Air conditioning and ventilation systems.

Hand rails.

Restroom accessories.

Medical

Medical hygiene-medical devices and surface hygiene.

Wall coatings for hospitals.

Hospital furniture.

Medical implants.

Wound dressings.

Catheters.

Pharmaceutical labs.

Fabric supplies, scrubs, linens, masks (medical textiles).

Packaging

Food packaging.

Polymeric films with anti-microbial properties for food packaging.

Nanosilver coatings.

Antibacterial coatings on plastic films.

Textiles

Antibacterial cotton textiles for clothing and apparel.

Interior textiles.

Automotive textiles.

Food processing

Food preparation facilities.

Food packaging.

Food processing equipment.

Filtration

Water purification.

Air filtration units.

Other

Fitness equipment.

Water coolers and ice-making equipment.

Automotive interiors.

Reusable water bottles, coffee cups and shopping bags.

Consumer goods-children's toys, personal care items and appliances.

Advanced Bactericidal & Viricidal Coatings and Surfaces Company profiles (Profiles of over 190 companies). Companies profiled include Kastus, ESC Brands, Mankiewicz, HeiQ, KCC, Xefco®, Polygiene, Reactive Surfaces, NEOTENY, Bio-Fence and many more.

## Contents

### 1 EXECUTIVE SUMMARY

- 1.1 Antimicrobial additives and coatings market growing
  - 1.1.1 Advantages
  - 1.1.2 Properties
  - 1.1.3 Applications
- 1.2 Antimicrobial and anti-viral coatings and surfaces
  - 1.2.1 Self-cleaning antimicrobial coatings and surfaces
    - 1.2.1.1 Bionic self-cleaning coatings
    - 1.2.1.2 Photocatalytic self-cleaning coatings
    - 1.2.1.3 Anti-fouling and easy-to-clean nanocoatings
  - 1.2.2 Anti-viral coatings and surfaces
  - 1.2.3 Nanomaterials applications
  - 1.2.4 Cleanliness of indoor and public areas driving demand for antimicrobials
  - 1.2.5 Application in healthcare environments
    - 1.2.5.1 COVID-19 and hospital-acquired infections (HAIs)
    - 1.2.5.2 Reusable Personal Protective Equipment (PPE)
    - 1.2.5.3 Facemask coatings
    - 1.2.5.4 Wipe on coatings
    - 1.2.5.5 Long-term mitigation of surface contamination with nanocoatings
- 1.3 Main market players by antimicrobial technology area
- 1.4 Global market size and opportunity to 2030
  - 1.4.1 End user markets for antimicrobial coatings
  - 1.4.2 Global forecast for antimicrobial coatings to 2030
- 1.5 Market and technical challenges
- 1.6 Market drivers and trends

### 2 ADVANCED MATERIALS USED IN BACTERICIDAL & VIRICIDAL COATINGS AND SURFACES

- 2.1 Metallic-based coatings
- 2.2 Polymer-based coatings
- 2.3 Mode of action
- 2.4 Nanosilver or silver-ion antimicrobial coatings and additives
  - 2.4.1 Properties
    - 2.4.1.1 Antiviral properties of AgNPs
  - 2.4.2 Mode of action

- 2.4.3 Environmental and safety considerations
- 2.4.4 SWOT analysis
- 2.4.5 Products and applications
  - 2.4.5.1 Silver nanocoatings
  - 2.4.5.2 Antimicrobial silver paints
- 2.4.6 Markets
  - 2.4.6.1 Textiles
  - 2.4.6.2 Wound dressings and medical
  - 2.4.6.3 Consumer products
  - 2.4.6.4 Air filtration
- 2.5 Copper antimicrobial coatings and additives
  - 2.5.1 Properties
  - 2.5.2 Mode of action
  - 2.5.3 SWOT analysis
  - 2.5.4 Application in antimicrobial coatings
- 2.6 Zinc oxide coatings and additives
  - 2.6.1 Properties
  - 2.6.2 Mode of action
  - 2.6.3 Application in antimicrobial coatings
- 2.7 Photocatalytic coatings (Titanium Dioxide)
  - 2.7.1 Development of photocatalytic coatings
    - 2.7.1.1 Market drivers and trends
  - 2.7.2 Mode of action
  - 2.7.3 Glass coatings
  - 2.7.4 Interior coatings
  - 2.7.5 Improving indoor air quality
  - 2.7.6 Application in antimicrobial coatings
    - 2.7.6.1 Self-Cleaning coatings-glass
    - 2.7.6.2 Self-cleaning coatings-building and construction surfaces
    - 2.7.6.3 Photocatalytic oxidation (PCO) indoor air filters
    - 2.7.6.4 Water treatment
    - 2.7.6.5 Medical facilities
    - 2.7.6.6 Antimicrobial coating indoor light activation
- 2.8 Gold Nanoparticles (AuNPs)
  - 2.8.1 Properties
  - 2.8.2 Mode of action
- 2.9 Quaternary ammonium silane
  - 2.9.1 Mode of action
  - 2.9.2 Application in antimicrobial coatings

- 2.9.3 Companies
- 2.10 Biobased antimicrobial coatings
  - 2.10.1 Chitosan
    - 2.10.1.1 Properties
    - 2.10.1.2 Application in antimicrobial coatings
  - 2.10.2 Antimicrobial peptide (AMP) coatings
    - 2.10.2.1 Properties
    - 2.10.2.2 Mode of action
    - 2.10.2.3 Application in antimicrobial coatings
  - 2.10.3 Nanocellulose (Nanocrystalline, Nanofibrillated, and Bacterial Cellulose)
    - 2.10.3.1 Properties
    - 2.10.3.2 Application in antimicrobial coatings
  - 2.10.4 Adaptive biomaterials
    - 2.10.4.1 Properties
    - 2.10.4.2 Application in antimicrobial coatings
- 2.11 Hydrogels
  - 2.11.1 Properties
  - 2.11.2 Application in antimicrobial coatings
- 2.12 Antibacterial liquid metals
  - 2.12.1 Properties
- 2.13 MXENES
  - 2.13.1 Properties
- 2.14 LAYERED DOUBLE HYDROXIDES (LDH)
  - 2.14.1 Properties
- 2.15 Self-cleaning antimicrobial coatings
  - 2.15.1 Hydrophilic coatings
  - 2.15.2 Hydrophobic coatings
    - 2.15.2.1 Properties
    - 2.15.2.2 Application in facemasks
- 2.16 Superhydrophobic coatings and surfaces
  - 2.16.1 Properties
    - 2.16.1.1 Antibacterial use
- 2.17 Oleophobic and omniphobic coatings and surfaces
  - 2.17.1 SLIPS
  - 2.17.2 Covalent bonding
  - 2.17.3 Step-growth graft polymerization
- 2.18 Other antimicrobial materials additives in coatings
  - 2.18.1 Graphene
    - 2.18.1.1 Properties

- 2.18.1.2 Graphene oxide
- 2.18.1.3 Anti-bacterial activity
- 2.18.1.4 Reduced graphene oxide (rGO)
- 2.18.1.5 Application in antimicrobial coatings
- 2.18.2 Silicon dioxide/silica nanoparticles (Nano-SiO<sub>2</sub>)
  - 2.18.2.1 Properties
  - 2.18.2.2 Application in antimicrobial coatings
- 2.18.3 Polyhexamethylene biguanide (PHMB)
  - 2.18.3.1 Properties
  - 2.18.3.2 Application in antimicrobial coatings
- 2.18.4 Single-walled carbon nanotubes (SWCNTs)
  - 2.18.4.1 Properties
  - 2.18.4.2 Application in antimicrobial coatings
- 2.18.5 Fullerenes
  - 2.18.5.1 Properties
  - 2.18.5.2 Application in antimicrobial coatings
- 2.18.6 Cerium oxide nanoparticles
  - 2.18.6.1 Properties
- 2.18.7 Iron oxide nanoparticles
  - 2.18.7.1 Properties
- 2.18.8 Magnesium oxide nanoparticles
  - 2.18.8.1 Properties
- 2.18.9 Piezoelectrics

### **3 ENVIRONMENTAL AND REGULATORY**

## **4 MARKETS FOR ADVANCED BACTERICIDAL & VIRICIDAL COATINGS AND SURFACES**

### **4.1 HOUSEHOLD AND INDOOR SURFACES**

- 4.1.1 Market drivers and trends
- 4.1.2 Applications
  - 4.1.2.1 Self-cleaning and easy-to-clean
  - 4.1.2.2 Indoor pollutants and air quality
- 4.1.3 Global market size

### **4.2 MEDICAL & HEALTHCARE SETTINGS**

- 4.2.1 Market drivers and trends
- 4.2.2 Applications
  - 4.2.2.1 Medical surfaces and Hospital Acquired Infections (HAI)

4.2.2.2 Wound dressings

4.2.2.3 Medical equipment and instruments

4.2.2.4 Fabric supplies scrubs, linens, masks (medical textiles)

4.2.2.5 Medical implants

4.2.3 Global market size

## 4.3 CLOTHING AND TEXTILES

4.3.1 Market drivers and trends

4.3.2 Applications

4.3.2.1 Antimicrobial clothing

4.3.3 Global market size

## 4.4 FOOD & BEVERAGE PRODUCTION AND PACKAGING

4.4.1 Market drivers and trends

4.4.2 Applications

4.4.2.1 Antimicrobial coatings in food processing equipment, conveyor belts and preparation surfaces

4.4.2.2 Antimicrobial coatings and films in food packaging

4.4.3 Global market size

## 4.5 OTHER MARKETS

4.5.1 Automotive and transportation interiors

4.5.2 Water and air filtration

## 5 ADVANCED BACTERICIDAL AND VIRICIDAL COATINGS COMPANIES 148 (193 PROFILES)

## 6 RECENT RESEARCH IN ACADEMIA

## 7 AIMS AND OBJECTIVES OF THE STUDY

## 8 RESEARCH METHODOLOGY

## 9 REFERENCES

## Tables

### TABLES

- Table 1. Summary for bionic self-cleaning nanocoatings.
- Table 2. Market summary for photocatalytic self-cleaning coatings.
- Table 3. Summary of anti-fouling and easy-to-clean coatings.
- Table 4. Anti-viral nanomaterials that inactivate different types of viruses, in preclinical assays in vitro.
- Table 5. Applications of nanomaterials used in Advanced Bactericidal & Viricidal Coatings and Surfaces.
- Table 6. Main market players by antimicrobial technology area.
- Table 7. End user markets for antimicrobial coatings.
- Table 8. Total global revenues for antimicrobial coatings, 2019-2030, USD.
- Table 9. Total global revenues for antimicrobial coatings, 2019-2030, millions USD, conservative estimate, by coatings type.
- Table 10. Market and technical challenges for antimicrobial coatings.
- Table 11. Market drivers and trends in
- Table 12. Polymer-based coatings for antimicrobial coatings and surfaces.
- Table 13. Growth Modes of Bacteria and characteristics.
- Table 14. Antibacterial properties of AgNPs.
- Table 15. Antiviral properties of AgNPs.
- Table 16. SWOT analysis for application of nanosilver and silver-ion antimicrobial coatings.
- Table 17. Markets and applications for nanosilver-based Advanced Bactericidal & Viricidal Coatings and Surfaces.
- Table 18. Antibacterial applications of Cu and CuO-based nanoparticles.
- Table 19. SWOT analysis for application of copper antimicrobial coatings.
- Table 20. Antibacterial effects of ZnO NPs in different bacterial species.
- Table 21. Photocatalytic coatings- principles, properties and applications.
- Table 22. Development of photocatalytic coatings, by generation.
- Table 23. Antibacterial applications of Au-based nanoparticles.
- Table 24. Companies developing antimicrobial Silane Quaternary Ammonium Compounds.
- Table 25. Mechanism of chitosan antimicrobial action.
- Table 26. Types of antibacterial AMP coatings.
- Table 27. AMP contact-killing surfaces.
- Table 28. Types of adaptive biomaterials in antimicrobial coatings.
- Table 29. Types of antibacterial hydrogels.

- Table 30. Contact angles of hydrophilic, super hydrophilic, hydrophobic and superhydrophobic surfaces.
- Table 31. Applications of oleophobic & omniphobic coatings.
- Table 32. Graphene properties relevant to application in coatings.
- Table 33. Bactericidal characters of graphene-based materials.
- Table 34. Markets and applications for antimicrobial and antiviral graphene coatings.
- Table 35. Types of carbon-based nanoparticles as antimicrobial agent, their mechanisms of action and characteristics.
- Table 36. Global antimicrobial technology regulations.
- Table 37: Market drivers and trends for antimicrobial coatings in household and indoor surface market.
- Table 38: Market for antimicrobial coatings in household and indoor surfaces to 2030, by revenues and types.
- Table 39: Market drivers and trends for antimicrobial coatings in medicine and healthcare.
- Table 40: Nanocoatings applied in the medical industry-type of coating, nanomaterials utilized, benefits and applications.
- Table 41. Types of advanced antimicrobial medical device coatings.
- Table 42. Types of advanced coatings applied in medical implants.
- Table 43. Nanomaterials utilized in medical implants.
- Table 44. Market for antimicrobial coatings in medical and healthcare settings to 2030, by revenues and types.
- Table 45: Market drivers and trends for antimicrobial coatings in the textiles and apparel industry.
- Table 46. Applications in textiles, by advanced materials type and benefits thereof.
- Table 47. Advanced coatings applied in the textiles industry-type of coating, nanomaterials utilized, benefits and applications.
- Table 48. Market for antimicrobial coatings in clothing and textiles to 2030, by revenues and types.
- Table 49. Market drivers and trends for antimicrobial coatings in the packaging market.
- Table 50. Market for antimicrobial coatings in food and beverage production & packaging to 2030, by revenues and types.
- Table 51. Advanced coatings applied in the automotive industry.
- Table 52. Applications in air and water filters, by advanced materials type and benefits thereof.
- Table 53. Advanced Bactericidal & Viricidal Coatings and Surfaces development in academia.

## Figures

### FIGURES

Figure 1. Self-cleaning superhydrophobic coating schematic.

Figure 2. Principle of superhydrophilicity.

Figure 3. Schematic of photocatalytic air purifying pavement.

Figure 4. Schematic of anti-viral coating using nano-actives for inactivation of any adhered virus on the surfaces.

Figure 5. Face masks coated with antibacterial & antiviral nanocoating.

Figure 6. Global revenues for antimicrobial coatings, 2019-2030, USD, conservative estimate.

Figure 7. Total global revenues for Advanced Bactericidal & Viricidal Coatings, 2019-2030, millions USD, conservative estimate, by coatings type.

Figure 8. Antibacterial mechanisms of metal and metallic oxide nanoparticles.

Figure 9. Antiviral mechanism of silver nanoparticles.

Figure 10. Antibacterial modes of action of, and bacterial resistance towards silver.

Figure 11. Antibacterial activities of silver nanoparticles.

Figure 12. Antibacterial modes of action of, and bacterial resistance towards copper.

Figure 13. Schematic of antibacterial activity of ZnO NPs.

Figure 14. Titanium dioxide-coated glass (left) and ordinary glass (right).

Figure 15. Schematic of photocatalytic indoor air purification filter.

Figure 16. Schematic indoor air filtration.

Figure 17. Mechanism of photocatalysis on a surface treated with TiO<sub>2</sub> nanoparticles.

Figure 18. Schematic showing the self-cleaning phenomena on superhydrophilic surface.

Figure 19. Schematic of photocatalytic air purifying pavement.

Figure 20. Self-Cleaning mechanism utilizing photooxidation.

Figure 21. Photocatalytic oxidation (PCO) air filter.

Figure 22. Schematic of photocatalytic water purification.

Figure 23. Antibacterial mechanisms and effects of functionalized gold nanoparticles.

Figure 24. TEM images of *Burkholderia seminalis* treated with (a, c) buffer (control) and (b, d) 2.0 mg/mL chitosan; (A: additional layer; B: membrane damage).

Figure 25. Antimicrobial peptides mode of action.

Figure 26. Types of nanocellulose.

Figure 27. Applications of antibacterial hydrogels

Figure 28. Structure diagram of Ti<sub>3</sub>C<sub>2</sub>Tx.

Figure 29. (a) Water drops on a lotus leaf.

Figure 30. A schematic of (a) water droplet on normal hydrophobic surface with contact

angle greater than  $90^\circ$  and (b) water droplet on a superhydrophobic surface with a contact angle  $> 150^\circ$ .

Figure 31. Contact angle on superhydrophobic coated surface.

Figure 32. Self-cleaning nanocellulose dishware.

Figure 33. SLIPS repellent coatings.

Figure 34. Omniphobic coatings.

Figure 35. Antimicrobial activity of Graphene oxide (GO).

Figure 36. Hydrophobic easy-to-clean coating.

Figure 37. Mechanism of antimicrobial activity of carbon nanotubes.

Figure 38. Fullerene schematic.

Figure 39. Schematic representation of the antibacterial mechanism of cerium-based materials.

Figure 40. Piezoelectric antimicrobial mechanism.

Figure 41. Market for antimicrobial coatings in household and indoor surfaces to 2030, by revenues and types.

Figure 42. Nano-coated self-cleaning touchscreen.

Figure 43. Anti-bacterial sol-gel nanoparticle silver coating.

Figure 44. Market for antimicrobial coatings in medical and healthcare settings to 2030, by revenues and types.

Figure 45. Omniphobic-coated fabric.

Figure 46. Market for antimicrobial coatings in clothing and textiles to 2030, by revenues and types.

Figure 47. Steps during food processing and where contamination might occur from various sources.

Figure 48. Oso fresh food packaging incorporating antimicrobial silver.

Figure 49. Market for antimicrobial coatings in food and beverage production & packaging to 2030, by revenues and types.

Figure 50. CuanSave film.

Figure 51. Lab tests on DSP coatings.

Figure 52. GermStopSQ mechanism of action.

Figure 53. GrapheneCA anti-bacterial and anti-viral coating.

Figure 54. NO<sub>x</sub> reduction with TioCem®.

Figure 55. Microlyte® Matrix bandage for surgical wounds.

Figure 56. Self-cleaning nanocoating applied to face masks.

Figure 57. NanoSeptic surfaces.

Figure 58. NascNanoTechnology personnel shown applying MEDICOAT to airport luggage carts.

Figure 59. Heavy bacterial recovery from untreated fiber (left) versus Ultra-Fresh antimicrobial treated fiber (right) after testing using the ISO 20743 test method

(Staphylococcus aureus test organism).

Figure 60. V-CAT® photocatalyst mechanism.

Figure 61. Applications of Titanystar.

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