

Healthcare Antimicrobial Plastics: Market Research Report

https://marketpublishers.com/r/H78D7D36615EN.html

Date: September 2011 Pages: 348 Price: US\$ 4,200.00 (Single User License) ID: H78D7D36615EN

Abstracts

This report analyzes the worldwide markets for Healthcare Antimicrobial Plastics in Metric Tons.

The report provides separate comprehensive analytics for the US, Canada, Japan, Europe, Asia-Pacific, Latin America, and Rest of World.

Annual estimates and forecasts are provided for the period 2008 through 2017.

The report profiles 48 companies including BASF SE, Bayer MaterialScience AG, Doeflex-Vitalpol, DSM PTG, Momentive Performance Materials, Inc., and Ticona Engineering Polymers.

The report also profiles key Antimicrobial Plastic Additive manufacturers such as Addmaster (UK) Limited, Akcros Chemicals Ltd., Arch Chemicals, Inc., Arkema SA, BioCote Ltd., Biosafe, Inc., Clariant AG, Ferro Corporation, Microban International Ltd., PolyChem Alloy, Inc., Sciessent LLC, and Troy Corporation.

Market data and analytics are derived from primary and secondary research.

Company profiles are mostly extracted from URL research and reported select online sources.



Contents

1. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS

Study Reliability and Reporting Limitations Disclaimers Data Interpretation & Reporting Level Quantitative Techniques & Analytics Product Definitions and Scope of Study

2.INDUSTRY OVERVIEW

Market Scenario Current And Future Analysis Regulator Structure for Antimicrobial Plastics

3.MAJOR ISSUES & TRENDS

Antimicrobial Plastics, New Tools for Controlling HAI Specialized Thermoplastics Find Application in Medical Devices Swine Flue Epidemic Fuels Global Demand for Antimicrobial Plastics Enhanced Antimicrobial Polymers Being Developed for Medical Devices Increasing Use of Antimicrobial Plastics in Healthcare and Consumer Sectors Antimicrobial Plastics for Medical Devices – Need of the Hour HAI Emerges as a Major Concern for Global Healthcare Industry Prevalence of HAI in US Healthcare

Table 1. US Market for Hospital-Acquired Infection (HAIs): Percentage Share

 Breakdown by Major Types (includes corresponding Graph/Chart)

Prevalence of HAI in the Europe Hospital Environments, A Major Source of Infection Specialized Antimicrobial Silicones Aid in Preventing HAI Use of Silver Antimicrobials in Silicone Rubbers Disinfectant-Ready Casing, An Alternative to Antimicrobial Healthcare Plastics Antimicrobial Plastics Medical Devices Aid in Preventing HAI Medical Device Manufacturers Turn to Specialized Polymers Growing Concerns about Antimicrobial Resistance to Biocides in Healthcare



Rising Demand for Eco-Friendly and Cost-Effective Antimicrobial Additives Growing Applications and Markets for Antimicrobial Plastics Antimicrobials to Account for Significant Share of Plastic Additives Market Rising Demand for Antibacterials in Consumer Products and Packaging Industries Organic Biocides Dominate Antimicrobial Plastics Industry Inorganic Antimicrobials Find Increasing Applications in Polymers Changing Trends in Demand and Production of Antimicrobial Plastics Increasing Applications of Antimicrobial Plastics Shift in Consumption Patterns of Regional Markets Changing Trends in Antimicrobial Plastics Production Antimicrobial Plastics Market Witnesses Steady Growth Worldwide Antimicrobial Plastics Additives Industry to Surge through 2015 Rising Global Demand for Silver Biocide Additives for Plastics Stringent Government Regulations on Antimicrobial Health Claims in US and Europe

4.PRODUCT OVERVIEW

Introduction to Antimicrobials Classification of Antimicrobial Additives Applications of Antimicrobials in Plastics Biostabilizers Antimicrobial Active Agents Major Growth Sectors for Antimicrobial Plastics Healthcare Industrial and Construction Sectors Consumer Products Sector Applications of Biocides in Healthcare Antimicrobial Plastics Prevent Hospital-Acquired Infection Hospital-Acquired Infections: Major HAI-Causing Organisms, Type and Source of Infections Polymeric Biocides in Medical devices Problems associated with the use of biocides

5.PRODUCT & TECHNOLOGY INTRODUCTIONS

PolyMedix Introduces Novel Polycide Antimicrobial Materials Sciessent Releases Nexera Medical SpectraShield[™] Surgical Respirator Mask Evonik Cyro Launches Cyrolite Protect for Medical Devices Polaris Plastics to Launch PP+ Antibacterial Waste Bags



BioCote Develops Antimicrobial Application to Combat Swine Flu Virus King Plastic Unveils King MicroShield® Antimicrobial Protection for Polymer Sheet BeaconMed?s® Unveils 6th Generation Antimicrobial Gem 10 ® Terminal Unit Agion and Victor Introduce Eco Intellignet® Fabric with Antimicrobial Protection Bayer Unveils Makrofol® Antimicrobial Polycarbonate Film A*STAR Develops Nanoimprint Technology for Antibacterial Surfaces

Ansell Rolls Out Novel Antimicrobial Surgical Glove in Australia

Janam Introduces XM60+AM and XM66AM Antimicrobial Handheld Computing Solutions

Agion® Launches MedMAP(SM) for Faster Commercialization of Antimicrobial Medical Devices

Biosafe Unveils BIOSAFE® Antimicrobial Technology for Plastic Packaging Sanitized to Unveil MedX 200s Active Agent Series for Polymers

Phoenix Plastics Unveils Gaia[™] AB 505 Antimicrobial Additive for Plastic Products PolyOne Unveils WithStand[™] Antimicrobial Technology for Thermoplastics Queen's University Scientists Develop Antibacterial Polymer for Urinary Catheters BASF Future Business Introduces Hygentic® Antimicrobial Additives for Medical

Devices

Sharp Electronics Introduces EL Series Calculators with Microban® Antimicrobial Protection

UMF Corp Launches Micrillon

Momentive Introduces StatSil Antimicrobial Silicone Elastomers

Dugdale Introduces Ducavin ABC Antimicrobials for PVC Products

M and H Plastics Introduces Antimicrobial Packaging with Complementary Labels

Elkay Introduces EZH2O Water Refilling Units with Agion® Antimicrobials

Bayer MaterialScience Introduces Makrofol® Lisa Antimicrobial Polycarbonate Film

BioCote Ltd Launches BioCote® Detection System for Indicating Antimicrobial Activity

Crosstex to Launch BIOSAFE-Treated Facemasks Outside US Markets

Americhem Unveils New Range of Antimicrobial Masterbatches

BASF Unveils Luran S BX 13042 Antimicrobial Plastic

Microban Introduces 3G Silver Technologies Series for Antimicrobials

AliMed Launches Silver Seal® Antimicrobial Protected Mouse and Keyboard

Agion and Genstar to Introduce Flowmeter and Section Regulator with In-built AM Safeguard

Agion® Develops Agion Firefly, an Antimicrobial Verification System

Seal Shield Introduces Silver Seal[™] International Keyboards with Antimicrobial Protection

Doeflex-Vitapol Launches Doeflex-UltraFresh PVC in Collaboration with Thomson Research



Trident Microsystems Introduces JAOtech Smart Terminals with Antibacterial Plastic Kleerdex Announces Launch of KYDEX® Thermoplastic Sheets with Microban® Antimicrobials

Socket Communications Launches SoMo 650, Antibacterial- Protected Portable PC Seal Shield Launches Silver Seal[™] Antimicrobial Mouse

Bayer Material Science Introduces Makrolon® Antibacterial Polycarbonate Resin DSM Polymer Technology Unveils Novel Antimicrobial Polyurethane Polymer Ticona's Introduces Anti-Crobe Antimicrobial POM Polymers

6.RECENT INDUSTRY ACTIVITY

Sciessent Announces Acquisition of Agion Technologies BASF Future Business Forms Alliance with Medi-Solve Coatings MRC and Ondine Biomedical Fund UCLB for Developing Antimicrobial Catheters **BASF** Takes Over Ciba Biosafe and Union Springs Sign Commercialization Agreement for BIOSAFE® HM4100 Agion Enters into Partnership with Thermoplastic Biologic for Antimicrobial Seals RTP Company Inks Agreement with Biosafe for Silane-based Biocides THOR Receives ESFA Approval for Biocide Use in Food Contact Products NanoHorizons Applies for FDA Approval for SmartSilver® Antimicrobial Additivess AdvanSource Receives Patent For Antimicrobial Polyurethenes Biosafe Receives Patent Approval from US Patent Office for Antimicrobial Polymer Unitech Receives Antimicrobial Certification for MCA and MS337H Healthcare Devices NSF Approves US\$150,000 Grant for PolyMedix for Developing Antimicrobial Sutures Dow Chemical Company Acquires Specialty Manufacturer Rohm and Haas Cantel Medical Corporation Acquires Stake in Biosafe Arkema and Chemeq Enters into Antimicrobial Polymer Manufacturing Agreement REHAU's New Heat Exchange System to Feature Agion's Antimicrobials Medegen's MaxGuard[™] Needle-less Connector to Feature Agion®'s Antimicrobial Technology Addmaster Biomaster TD100 Obtains Regulatory Approval Royal DSM NV Acquires Polymer Technology Group MEDport's Microbe Free Hydrator Cup to be Incorporated with Agion's Antimicrobials Agion's Antimicrobial Solutions for Vollrath's Serving Utensils Agion Technologies Extends Partnership with Samsill Corporation Antimicrobial Additives Manufacturer Agion Awarded Cradle to Cradle Certification

7.FOCUS ON SELECT GLOBAL PLAYERS



Key Antimicrobial Plastics Manufacturers BASF SE (Germany) Bayer MaterialScience AG (Germany) Doeflex-Vitalpol (UK) DSM PTG (US) Momentive Performance Materials, Inc. (US) Ticona Engineering Polymers (US) Key Antimicrobial Plastic Additives Manufacturers Addmaster (UK) Limited (UK) Akcros Chemicals Ltd (UK) Arch Chemicals, Inc. (US) Arkema SA (France) BioCote Ltd (UK) Biosafe, Inc. (US) Clariant AG (Switzerland) Ferro Corporation (US) Microban International Ltd. (US) PolyChem Alloy, Inc. (US) Sciessent LLC (US) Troy Corporation (US)

8.GLOBAL MARKET PERSPECTIVE

Table 2. World Recent Past, Current and Future Analysis for Healthcare Antimicrobial Plastics by Geographic Region – US, Canada, Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of World Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2008 through 2017 (includes corresponding Graph/Chart)

Table 3. World 10-Year Perspective for Healthcare Antimicrobial Plastics byGeographic Region – percentages Breakdown of Volume Demand for US, Canada,Japan, Europe, Asia-Pacific (excluding Japan), Latin America and Rest of WorldMarkets for Years 2008, 2011 and 2017 (includes corresponding Graph/Chart)

9.THE UNITED STATES

A. MARKET ANALYSIS



Outlook Major Market Trends Steady Rise in Demand for Antimicrobial Plastics and Coatings HAI Woes Prompt Innovations Among Physicians StethGuard Antimicrobial Cover for Stethoscopes Antimicrobial iPhone and iPad Covers Product Introductions Recent Industrial Activity Key Players

B. MARKET ANALYTICS

Table 4. US Recent Past, Current and Future Analysis for Healthcare AntimicrobialPlastics Market Independently Analyzed with Annual Demand in Metric Tons for Years2008 through 2017 (includes corresponding Graph/Chart)

10.CANADA

A. MARKET ANALYSIS

Outlook Recent Industry Activity

B. MARKET ANALYTICS

Table 5. Canadian Recent Past, Current and Future Analysis for HealthcareAntimicrobial Plastics Market Independently Analyzed with Annual Demand in MetricTons for Years 2008 through 2017 (includes corresponding Graph/Chart)

11.JAPAN

A. MARKET ANALYSIS

Outlook

B. MARKET ANALYTICS



Table 6. Japanese Recent Past, Current and Future Analysis for HealthcareAntimicrobial Plastics Market Independently Analyzed with Annual Demand in MetricTons for Years 2008 through 2017 (includes corresponding Graph/Chart)

12.EUROPE

A. MARKET ANALYSIS

Outlook Major Trends in Antimicrobial Plastics Industry Antimicrobials – A High Cost, Low Volume Market Nanotechnology-Based Antimicrobial Plastics Not Finding Regulatory Approval

B. MARKET ANALYTICS

Table 7. European Recent Past, Current and Future Analysis for Healthcare Antimicrobial Plastics by Geographic Region – France, Germany, Italy, UK, Spain and Rest of Europe Markets Independently Analyzed with Annual Demand in Metric Tons for Years 2008 through 2017 (includes corresponding Graph/Chart)

Table 8. European 10-Year Perspective for Healthcare Antimicrobial Plastics byGeographic Region – Percentage Breakdown of Annual Demand for France, Germany,Italy, UK, Spain and Rest of Europe Markets for Years 2008, 2011 & 2017 (includescorresponding Graph/Chart)

12A.FRANCE

A. MARKET ANALYSIS

Outlook HAI Prevalence in France

Table 9. Hospital-Acquired Infection (HAI) Prevalence in France: PercentageBreakdown by Major Types (includes corresponding Graph/Chart)

Recent Industry Activity

Healthcare Antimicrobial Plastics: Market Research Report



Key Player

B. MARKET ANALYTICS

Table 10. French Recent Past, Current and Future Analysis for Healthcare AntimicrobialPlastics Market Independently Analyzed with Annual Demand in Metric Tons for Years2008 through 2017 (includes corresponding Graph/Chart)

12B.GERMANY

A. MARKET ANALYSIS

Outlook Product Introductions Recent Industry Activity Key Players

B. MARKET ANALYTICS

Table 11. German Recent Past, Current and Future Analysis for HealthcareAntimicrobial Plastics Market Independently Analyzed with Annual Demand in MetricTons for Years 2008 through 2017 (includes corresponding Graph/Chart)

12C.ITALY

A. MARKET ANALYSIS

Outlook

B. MARKET ANALYTICS

Table 12. Italian Recent Past, Current and Future Analysis for Healthcare AntimicrobialPlastics Market Independently Analyzed with Annual Demand in Metric Tons for Years2008 through 2017 (includes corresponding Graph/Chart)

12D.THE UNITED KINGDOM

Healthcare Antimicrobial Plastics: Market Research Report



A. MARKET ANALYSIS

Outlook Product Introductions Key Players

B. MARKET ANALYTICS

Table 13. UK Recent Past, Current and Future Analysis for Healthcare AntimicrobialPlastics Market Independently Analyzed with Annual Demand in Metric Tons for Years2008 through 2017 (includes corresponding Graph/Chart)

12E.SPAIN

A. MARKET ANALYSIS

Outlook

B. MARKET ANALYTICS

Table 14. Spanish Recent Past, Current and Future Analysis for HealthcareAntimicrobial Plastics Market Independently Analyzed with Annual Demand in MetricTons for Years 2008 through 2017 (includes corresponding Graph/Chart)

12F.REST OF EUROPE

A. MARKET ANALYSIS

Outlook Product Introductions Key Player

B. MARKET ANALYTICS

Table 15. Rest of Europe Recent Past, Current and Future Analysis for Healthcare



Antimicrobial Plastics Market Independently Analyzed with Annual Demand in Metric Tons for Years 2008 through 2017 (includes corresponding Graph/Chart)

13.ASIA-PACIFIC

A. MARKET ANALYSIS

Outlook Major Market Trends Combination Products, A Promising Trend in Medical Devices Product Introductions Recent Industry Activity Key Antimicrobial Plastics Manufacturer

B. MARKET ANALYTICS

Table 16. Asia-Pacific Recent Past, Current and Future Analysis for HealthcareAntimicrobial Plastics Market Independently Analyzed with Annual Demand in MetricTons for Years 2008 through 2017 (includes corresponding Graph/Chart)

14.LATIN AMERICA

A. MARKET ANALYSIS

Outlook

B. MARKET ANALYTICS

Table 17. Latin American Recent Past, Current and Future Analysis for HealthcareAntimicrobial Plastics Market Independently Analyzed with Annual Demand in MetricTons for Years 2008 through 2017 (includes corresponding Graph/Chart)

15.REST OF WORLD

A. MARKET ANALYSIS

Outlook



B. MARKET ANALYTICS

Table 18. Rest of World Recent Past, Current and Future Analysis for HealthcareAntimicrobial Plastics Market Independently Analyzed with Annual Demand in MetricTons for Years 2008 through 2017 (includes corresponding Graph/Chart)

Competitive Landscape Total Companies Profiled: 48 (including Divisions/Subsidiaries - 52) Region/CountryPlayers The United States Canada Europe France Germany The United Kingdom Rest of Europe Asia-Pacific (Excluding Japan)

Healthcare Antimicrobial Plastics: Market Research Report



I would like to order

Product name: Healthcare Antimicrobial Plastics: Market Research Report

Product link: https://marketpublishers.com/r/H78D7D36615EN.html

Price: US\$ 4,200.00 (Single User License / Electronic Delivery) If you want to order Corporate License or Hard Copy, please, contact our Customer Service: <u>info@marketpublishers.com</u>

Payment

To pay by Credit Card (Visa, MasterCard, American Express, PayPal), please, click button on product page <u>https://marketpublishers.com/r/H78D7D36615EN.html</u>