Nanocoatings - Global Strategic Business Report

Description: This report analyzes the worldwide markets for Nanocoatings in US$ Million. The Global market is analyzed by value (US$ million) and volume (metric tons). Market by volume at global level is however further analyzed by following Segments: Anti-Fingerprint, Anti-Fouling, Anti-MicrobialSelf-Cleaning, and Others. The report provides separate comprehensive analytics for the US, Japan, Europe, Asia-Pacific, and Rest of World.

Annual estimates and forecasts are provided for the period 2015 through 2022. Also, a six-year historic analysis is provided for these markets. Market data and analytics are derived from primary and secondary research.

Company profiles are primarily based on public domain information including company URLs. The report profiles 77 companies including many key and niche players such as -

ACTnano
albert rechtenbacher GmbH
Buhler AG
Bio-gate AG
CG2 NanoCoatings Inc.

Contents:  
I. INTRODUCTION, METHODOLOGY & PRODUCT DEFINITIONS
Study Reliability and Reporting Limitations
Disclaimers
Data Interpretation & Reporting Level
Quantitative Techniques & Analytics
Product Definitions and Scope of Study

II. EXECUTIVE SUMMARY

1. INDUSTRY OVERVIEW
Nanotechnology
A Curtain Raiser
Nanoscience
Breaking Conventional Size Barriers
New Discoveries Bridge the Gap between Organic and Inorganic Materials
A Peek into the World of Possibilities with Nanotechnology
Nanotechnology Market Gathers Momentum
Enabling Technologies
Need of the Hour
Coatings Industry Gets a Touch of Nanotechnology
Nanocoatings Promise Superior Performance Benefits Over Traditional Polymer Coatings
Key Application Properties of Nanocoatings in a Capsule
Nanocoatings
Market Evolution Over the Years
Coating Manufacturers Become More Open towards Producing Nanocoatings
Need to Achieve Competitive Differentiation Driving Coating Manufacturers’ Lean Towards Nanocoatings
Environmental Benefits Attract Manufacturer Attention
Nanocoatings Market
Quite Resilient Against Periods of Economic Slowdown
Outlook
Developed Markets
Traditional Revenue Contributors
Asia-Pacific
The Fastest Growing Regional Market

2. NOTEWORTHY MARKET TRENDS, GROWTH DRIVERS & ISSUES
Growing Need for Better Sanitation & Controlling Spread of Harmful Diseases to Drive Demand for Nanoscale Anti-Microbial Coatings
Anti-Foul & Easy-to-Clean Nanocoatings Draw Huge Demand
Anti-Fingerprint Nanocoatings to Grow in Prominence
Anti-Corrosion Nanocoatings in Demand
A Look at Opportunities & Trends in Key End-Use Markets
Healthcare Industry
Market Laden with Tremendous Potential
Medical Device Manufacturing Market Offer Plenty of Opportunities for Growth
Table 1: Worldwide Medical Devices Market by Geographic Region (2015): Percentage Breakdown of Value Sales for United States, Europe, Japan and Rest of World (includes corresponding Graph/Chart)
Rise in Incidence of Joint Diseases to Drive Demand for Nanocoatings for Knee & Hip Implants
Table 2: Select Musculoskeletal Conditions Percentage Breakdown by Age Group (includes corresponding Graph/Chart)
Healthcare Facilities Bank on Nano-Scale Coatings for Maintaining Hygienic Surroundings
Automotive Market Offers Plenty of Opportunities for Nanocoatings Market
Relatively Stable Automotive Industry to Drive Demand for Nanocoatings
Opportunity Indicators
Table 3: Global Automotive Market: Breakdown of Unit Sales (in '000s) for Passenger Cars and Commercial Vehicles for Years 2016, 2018 & 2020 (includes corresponding Graph/Chart)
Table 4: Global Automotive Market: Breakdown of Units Produced (in '000s) for Passenger Cars and Commercial Vehicles for Years 2016, 2018 & 2020 (includes corresponding Graph/Chart)
Automotive Finishes Market Led by Expanding Vehicle Fleet
Nanocoatings for Construction and Exterior Protection
A Review
Slow But Encouraging Rise in Construction Activity to Spur Growth in the Market
Table 5: Projected Expansion of the Construction Industry to Spur Opportunities for Nanocoatings: World Construction Industry Size (in US$ Trillion) for the Year 2010, 2016, 2020 & 2025 (includes corresponding Graph/Chart)
Table 6: Growth in the Global Construction Market by Sector (2013-2020) (includes corresponding Graph/Chart)
Focus on Green Construction Techniques to Boost Market Demand
Nansulate: A Revolutionary Technology in Building Insulation
Growing Focus on Renewable Energy Drives Demand for Nanocoatings in Solar Energy Sector
Opportunity Indicator:
Demand for Marine Nanocoatings Poised to Grow
Nanocoatings Gain Prominence in the Aviation Sector
Nanocoatings for Optics
Opportunities Galore
Opportunities in Textile Industry Boosts Nanocoatings Market
Use of Nanocoatings Gaining Traction for Furniture
Household Care Sector
An Emerging Niche
Titanium Dioxide Nanocoatings Ignites Interest
Nano-Scale Silver Finding Tremendous Use as an Agent in Antimicrobial Coatings
Graphene as Nanocoatings to Find Great Demand in Short to Medium Term Period
Technological Innovations Drive Nanocoatings Market
A Look at Some of the R&D Efforts, New Product & Application Developments Spearheading Growth
High-Performance Nanocoatings in Demand
P2i Develops Liquid Repellent Nanocoating
R&D Efforts to Develop Nanocoating with Efficacy to Transport Vaccines Without Requiring Refrigeration
Researchers Find New Application of Nanoclay and TiO2 nanoparticles for Protecting Wood Against Weathering
New Nanocoating that Improves Energy Efficiency of Aircraft
Challenges
Competition from Uncoated Products Proves to be a Major Challenge for Nanocoated Products
Lack of Awareness about Benefits of Nanocoatings

3. PRODUCT OVERVIEW
Nanotechnology: A Backgrounder Review
Coatings: A Prelude
Nanocoatings: A Definition
Importance of Nanoparticles Used in Coatings
Benefits Offered
Scratch-Resistance
UV Resistance
Oil Repellent and Hydrophobic Characteristics
Fire-Resistant
Anti-corrosive
Self-cleaning
Anti-fouling
Anti-fingerprints Coating
Other Benefits
Nanoparticles: A Peek Into the Development Process
Nanocoating Deposition Methods
End-User Markets for Nanocoating
Limitations of Nanocoatings
Nanocoating Applications
Protective Coatings
Decorative Coatings
Functional Coatings

4. RECENT INDUSTRY ACTIVITY
Semblant Introduces Waterproofing Nanotechnology
Nanopool Takes Over Nanotech Division of Buhler
Tesla Nanocoatings Inks an Agreement with NDG
Europlasma Introduces Nanotechnology for Textile Coatings
Tesla NanoCoatings Unveils Protective Coating
Nanovere Introduces Wipe-on Clear Nanocoating
DryWired Unveils New Compact Nanocoating System
Nano Labs Enters into Joint Venture Agreement with RSD Investment

5. FOCUS ON SELECT GLOBAL PLAYERS
ACTnano (USA)
albert rechtenbacher GmbH (Germany)
Buhler AG (Germany)
Bio-gate AG (Germany)
CG2 NanoCoatings Inc. (Canada)
Cleancorp GmbH (Germany)
Cima NanoTech, Inc. (USA)
DuraSeal Nanocoatings (USA)
Eikos, Inc. (USA)
Ecology Coatings, Inc. (USA)
Green Earth Nanoscience, Inc. (Canada)
Integran Technologies Inc. (USA)
Inframat Corporation (USA)
NANOBIZ.PL Ltd. (UK)
Nanofilm (USA)
NanoMate Technology, Inc. (USA)
Nanopool GmbH (Germany)
Nanogate AG (Germany)
Nanophase Technologies Corporation (USA)
Nanovere Technologies Inc. (USA)
Nanosol AG (Liechtenstein)
Nano-Care Deutschland AG (Germany)
P2i Ltd. (UK)
Surfactis Technologies SAS (France)
Tesla NanoCoatings, Inc. (USA)

6. GLOBAL MARKET PERSPECTIVE
Table 8: World Recent Past, Current and Future Analysis for Nanocoatings by Geographic Region
US, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 9: World Historic Review for Nanocoatings by Geographic Region
US, Japan, Europe, Asia-Pacific and Rest of World Markets Independently Analyzed with Annual Sales in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 10: World 14-Year Perspective for Nanocoatings by Geographic Region
Percentage Breakdown of Dollar Sales for US, Japan, Europe, Asia-Pacific and Rest of World Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)
Table 11: World Recent Past, Current and Future Analysis for Nanocoatings by Application
Anti-Fingerprint, Anti-Fouling, Anti-Microbial, Self-Cleaning and Others Markets Independently Analyzed with Annual Volume Sales in Metric Tons for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 12: World 14-Year Perspective for Nanocoatings by Application
Percentage Breakdown of Volume Sales for Anti-Fingerprint, Anti-Fouling, Anti-Microbial, Self-Cleaning and Others Markets for Years 2015 and 2022 (includes corresponding Graph/Chart)

III. MARKET

1. THE UNITED STATES
   A. Market Analysis
      Current & Future Analysis
      Nanotechnology Market
      An Overview
      US
      The Leading Regional Market for Nanocoatings
      Gradual Recovery in Construction Activity Boosts Demand for Nanocoatings
      Table 13: Residential Construction in the US (2015 & 2017P): Number of Housing Starts by Type
      Single-Family Units and Multi-Family Units (in '000) (includes corresponding Graph/Chart)
      Table 14: Market for Nanomaterials in the Construction End-Use Sector in the United States (2015):
      Percentage Breakdown of Revenues by Application (includes corresponding Graph/Chart)
      Table 15: Market for Nanomaterials in Coatings Used in the Construction Industry in the United States
      (2015): Percentage Breakdown of Revenues by Sub-Segments (includes corresponding Graph/Chart)
      Shale Gas Explorations Boosts Oil & Gas Sector
      Drives Demand for Nanocoatings
      Environmentally Aware Consumer Base Drive Demand for Anti-Microbial Nanocoatings
      US Leads the Medical Devices Market
      Offers Growth on Platter for Nanocoating
      Strategic Corporate Developments
      Select Players
   B. Market Analytics
      Table 16: US Recent Past, Current and Future Analysis for Nanocoatings Market Analyzed with Annual Sales
      in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
      Table 17: US Historic Review for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years
      2009 through 2014 (includes corresponding Graph/Chart)

2. JAPAN
   A. Market Analysis
      Current & Future Analysis
   B. Market Analytics
      Table 18: Japanese Recent Past, Current and Future Analysis for Nanocoatings Market Analyzed with Annual Sales
      in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
      Table 19: Japanese Historic Review for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years
      2009 through 2014 (includes corresponding Graph/Chart)

3. EUROPE
   A. Market Analysis
      Current & Future Analysis
      Coatings Market to Gain Momentum
   B. Market Analytics
      Table 20: European Recent Past, Current and Future Analysis for Nanocoatings by Geographic Region
      France, Germany, UK and Rest of Europe Markets Independently Analyzed with Annual Sales in US$ Million
      for Years 2015 through 2022 (includes corresponding Graph/Chart)
      Table 21: European Historic Review for Nanocoatings by Geographic Region
      France, Germany, UK and Rest of Europe Markets Independently Analyzed with Annual Sales in US$ Million
      for Years 2009 through 2014 (includes corresponding Graph/Chart)
      Table 22: European 14-Year Perspective for Nanocoatings by Geographic Region
      Percentage Breakdown of Dollar Sales for France, Germany, UK and Rest of Europe Markets for Years 2009,
3a. FRANCE
A. Market Analysis
Current & Future Analysis
Key Player
B. Market Analytics
Table 23: French Recent Past, Current and Future Analysis for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 24: French Historic Review for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

3b. GERMANY
A. Market Analysis
Current & Future Analysis
Coatings Market
An Overview
Select Players
B. Market Analytics
Table 25: German Recent Past, Current and Future Analysis for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 26: German Historic Review for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

3c. THE UNITED KINGDOM
A. Market Analysis
Current & Future Analysis
Select Players
B. Market Analytics
Table 27: UK Recent Past, Current and Future Analysis for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 28: UK Historic Review for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

3d. REST OF EUROPE
A. Market Analysis
Current & Future Analysis
Strategic Corporate Developments
A. Select Player
B. Market Analytics
Table 29: Rest of Europe Recent Past, Current and Future Analysis for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 30: Rest of Europe Historic Review for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4. ASIA-PACIFIC
A. Market Analysis
Current & Future Analysis
Asia-Pacific
The Linchpin for Growth in Nanocoatings Market
Despite Recent Slowdown in Economic Activity China Continues to Power Growth in Asia-Pacific Coatings Market
Expanding Construction Sector Bodes Well for Nanocoatings
Table 31: Asian Construction Market (2016): Percentage Breakdown of Spend by Sector (includes corresponding Graph/Chart)
Table 32: Projected Growth in the Asian Construction Market by Region for Residential and Overall Construction (2014-2020) (includes corresponding Graph/Chart)
Well Established Automotive Manufacturing Industry Spurs Demand for Nanocoatings in Automotive Market
B. Market Analytics
Table 33: Asia-Pacific Recent Past, Current and Future Analysis for Nanocoatings by Geographic Region China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 34: Asia-Pacific Historic Review for Nanocoatings by Geographic Region
China and Rest of Asia-Pacific Markets Independently Analyzed with Annual Sales in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)
Table 35: Asia-Pacific 14-Year Perspective for Nanocoatings by Geographic Region
Percentage Breakdown of Dollar Sales for China and Rest of Asia-Pacific Markets for Years 2009, 2016, and 2022 (includes corresponding Graph/Chart)

4a. CHINA
A. Market Analysis
Current & Future Analysis
Nanocoatings Market Witnesses Steady Growth
Robust Chinese Construction Market Offers Plenty of Market Opportunities for Nanocoatings
Shift in Ship Building Activity to Fuel Demand for Nanocoatings in Marine Sector

B. Market Analytics
Table 36: Chinese Recent Past, Current and Future Analysis for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 37: Chinese Historic Review for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

4b. REST OF ASIA-PACIFIC
A. Market Analysis
Current & Future Analysis
Overview of the Indian Coatings Market

B. Market Analytics
Table 38: Rest of Asia-Pacific Recent Past, Current and Future Analysis for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 39: Rest of Asia-Pacific Historic Review for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

5. REST OF WORLD
A. Market Analysis
Current & Future Analysis
Middle East & African Market
A Snapshot
Latin American Coatings Market
A Review
Strategic Corporate Development
Select Players

B. Market Analytics
Table 40: Rest of World Recent Past, Current and Future Analysis for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2015 through 2022 (includes corresponding Graph/Chart)
Table 41: Rest of World Historic Review for Nanocoatings Market Analyzed with Annual Sales in US$ Million for Years 2009 through 2014 (includes corresponding Graph/Chart)

IV. COMPETITIVE LANDSCAPE
Total Companies Profiled: 77 (including Divisions/Subsidiaries 78)
The United States (34)
Canada (3)
Japan (1)
Europe (37)
- France (1)
- Germany (19)
- The United Kingdom (4)
- Italy (1)
- Rest of Europe (12)
Asia-Pacific (Excluding Japan) (3)

Ordering:
Order Online - http://www.researchandmarkets.com/reports/1227825/
Order by Fax - using the form below
Order by Post - print the order form below and send to
Fax Order Form
To place an order via fax simply print this form, fill in the information below and fax the completed form to 646-607-1907 (from USA) or +353-1-481-1716 (from Rest of World). If you have any questions please visit http://www.researchandmarkets.com/contact/

Order Information
Please verify that the product information is correct and select the format(s) you require.

Product Name: Nanocoatings - Global Strategic Business Report
Web Address: http://www.researchandmarkets.com/reports/1227825/
Office Code: SC

Product Formats
Please select the product formats and quantity you require:

<table>
<thead>
<tr>
<th>Product Formats</th>
<th>Quantity</th>
<th>Price</th>
</tr>
</thead>
<tbody>
<tr>
<td>Electronic (PDF) - Single User:</td>
<td>□</td>
<td>USD 4950</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 5 Users:</td>
<td>□</td>
<td>USD 6930</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 10 Users:</td>
<td>□</td>
<td>USD 9405</td>
</tr>
<tr>
<td>Electronic (PDF) - 1 - 15 Users:</td>
<td>□</td>
<td>USD 11880</td>
</tr>
</tbody>
</table>

* The price quoted above is only valid for 30 days. Please submit your order within that time frame to avail of this price as all prices are subject to change.

Contact Information
Please enter all the information below in BLOCK CAPITALS

Title: [ ] Mr [ ] Mrs [ ] Dr [ ] Miss [ ] Ms [ ] Prof
First Name: ___________________________ Last Name: ___________________________
Email Address: * ___________________________
Job Title: ___________________________
Organisation: ___________________________
Address: ____________________________________________________________
City: ___________________________
Postal / Zip Code: ___________________________
Country: ___________________________
Phone Number: ___________________________
Fax Number: ___________________________

* Please refrain from using free email accounts when ordering (e.g. Yahoo, Hotmail, AOL)
Payment Information

Please indicate the payment method you would like to use by selecting the appropriate box.

☐ Pay by credit card: You will receive an email with a link to a secure webpage to enter your credit card details.

☐ Pay by check: Please post the check, accompanied by this form, to:
Research and Markets,
Guinness Center,
Taylors Lane,
Dublin 8,
Ireland.

☐ Pay by wire transfer: Please transfer funds to:
Account number 833 130 83
Sort code 98-53-30
Swift code ULSBIE2D
IBAN number IE78ULSB9853308331083
Bank Address Ulster Bank,
27-35 Main Street,
Blackrock,
Co. Dublin,
Ireland.

If you have a Marketing Code please enter it below:

Marketing Code: ________________________________________

Please note that by ordering from Research and Markets you are agreeing to our Terms and Conditions at http://www.researchandmarkets.com/info/terms.asp

Please fax this form to:
(646) 607-1907 or (646) 964-6609 - From USA
+353-1-481-1716 or +353-1-653-1571 - From Rest of World