

# **Nanocoatings Market by Type (Anti-fingerprint, Antimicrobial, Easy-to-Clean & Anti-Fouling, Self-Cleaning {Bionic & Photocatalytic}, Anti-Icing & Deicing, Anticorrosion, Conductive, UV, Abrasion, & Wear Resistant) and Application (Electronics, Energy, Food & Packaging, Construction, Marine Industry, Military & Defense, Automotive, Aerospace, Healthcare) - Global Opportunity Analysis and Industry Forecast, 2014-2022**

<https://marketpublishers.com/r/ND19B401C45EN.html>

Date: April 2017

Pages: 186

Price: US\$ 4,999.00 (Single User License)

ID: ND19B401C45EN

## **Abstracts**

The global nanocoatings market is expected to reach \$13,094 million by 2022 from \$3,327 million in 2015, growing at a CAGR of 21.0% from 2016 to 2022. Nanocoatings are made from constituent particles of nano-range (10<sup>9</sup> m), which are produced from various materials such as aluminum oxide, cerium oxide, zinc oxide, carbon nanotubes, nano-cellulose, and nano-clay. The substrates or the base materials can be painted surfaces; metals such as mild steel, stainless steel, aluminum, copper, and brass; wood; natural stones; and plastics. These coatings are widely adopted in automotive industry owing to its chemical- & corrosion-resistant nature. In addition, they help to maintain the finish of the automobiles.

Energy & electronics industry is experiencing steady growth in the emerging economies of India, China, and Brazil, thereby fueling the market growth. Rise in construction activities, infrastructural development, and healthcare expenditure are expected to drive the growth of the market during the forecast period. However, fluctuating prices of raw materials is projected to hamper the market growth.

The global nanocoatings market is segmented based on type, application, and geography. On the basis of type, the market is categorized into anti-fingerprint,

antimicrobial, easy-to-clean & anti-fouling, self-cleaning (bionic & photocatalytic), and others. Applications covered in the study include electronics, energy, food & packaging, construction, marine industry, military & defense, automotive, aerospace, healthcare, and others. Geographically, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Major players profiled in this study include the following:

Buhler AG

Nanogate AG

Nanophase Technologies Corporation

Bio-Gate AG

Admat Innovations

Surfix BV

Nanomech Inc.

EIKOS Inc.

CIMA Nanotech

Duraseal Coatings Company LLC

## **KEY BENEFITS FOR STAKEHOLDERS**

The report provides an in-depth analysis of the current trends, drivers, and dynamics of the global nanocoatings market to elucidate the prevailing opportunities and the probable investment pockets.

It offers qualitative trends as well as quantitative analysis from 2014 to 2022 to assist the stakeholder to understand the market scenario.

In-depth analysis of the key segments demonstrates the adoption of nanocoatings across various applications.

Competitive intelligence highlights the business practices followed by key business players across the geographies as well as the prevailing market opportunities.

Key players are profiled along with the strategies and developments, which portray the competitive market outlook.

## Nanocoatings Market Key Segments:

### By Type

Anti-Fingerprint

Antimicrobial

Easy-To-Clean & Anti-Fouling

Self-Cleaning (Bionic & Photocatalytic)

Anti-Icing & Deicing

Anticorrosion

Conductive

UV Resistant

Abrasion & Wear Resistant

Others (Self-Healing, Antireflective, and Thermal Barrier/Flame Retardants)

### By Application

Electronics

Energy

Food & Packaging

Construction

Marine Industry

Military & Defense

Automotive

Aerospace

Healthcare

Others (Exterior Protection, Tools, Textiles, and Water Treatment Equipment)

## By Geography

North America

U.S.

Mexico

Canada

Europe

Germany

UK

Turkey

France

Russia

Rest of Europe

Asia-Pacific

China

Japan

Korea

India

Rest of Asia-Pacific

LAMEA

Brazil

Argentina

UAE

Qatar

Rest of LAMEA

## OTHER KEY PLAYERS

Telsa Nanocoatings Inc.

Inframat Corporation

Nanovere Technologies LLC

P2i Ltd.

ACTnano

Nanofilm Ltd.

Integran Technologies Inc.

(Companies mentioned above are not profiled in the report, but can be profiled upon client request.)

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