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Aerospace Coatings Market by Resin Type (Epoxy, Polyurethane, and Others), by Technology (Solvent Based Coatings, Water Based Coatings, Powder Coating, Others), by User Type (Original Equipment Manufacturer and Maintenance, Repair & Overhaul), by End-use Industry (Commercial Aviation, Military Aviation, and General Aviation) and by Application (Exterior and Interior) - Global Opportunity Analysis and Industry Forecast, 2017-2023

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Abstracts

Global aerospace coatings market revenue is expected to reach $2,433 million by 2023, from $1,587 million in 2016, with a CAGR of 6.3% from 2017 to 2023. Aerospace coatings is a high-performance coating material, which provides protection against corrosion, ultraviolet rays & solar heat, climatic stress, and fog and offers wear resistance to aircraft surfaces, thus reducing the amount of time for maintenance and repair. The coatings applied reduce the weight of the aircrafts and improve the fuel economy, thereby reducing CO_2 emissions. Coatings are applied to the aircraft surface, engines, fuselage components, wings, propellers, landing gears, interiors, and other components. Epoxy and polyurethane resin-based coatings are generally used in aerospace coatings. Silicone, polyester, and acrylic resins are other types of aerospace coatings.

Polyurethane resin type has high resistance to abrasion, staining, and chemicals. Moreover, unlike epoxy, polyurethane resins have high degree of resistance to the damaging effects of ultraviolet rays from the sun, which makes it a preferred choice in the aerospace coatings market. Technology wise, solvent-based coatings is the leading segment in 2016. It produces immediate waterproofing protection after application, even

before they have dried. Thus, rain after application does not damage the coating. High coverage on inside and hard to reach components & parts, smooth & uniform finish further propels the growth.

Chrome-based coating processes are no longer used in many markets because of issues related to health, safety, and environmental protection. Thus, development of chrome-free technology is expected to drive the market during the forecast period.

Airlines merger & acquisition and changes in business models are projected to fuel the market, which increases the need to repaint their fleets. Moreover, superior performance of powder coatings technology and its ability to recycle leads to optimum utilization of powder coatings drives the growth of global aerospace coatings market.

Asia-Pacific is expected to be the fastest growing aerospace coatings market from 2017 to 2023. Increase in number of aircrafts due to aviation industry growth in emerging markets such as China and India is estimated to propel the demand for aerospace coatings.

The global aerospace coatings market is segmented based on resin type, technology, user type, end-use industry, and geography. Based on resin type, the market is divided into epoxy, polyurethane, and others. Based on technology, it is segmented into solvent-based coatings, water-based coatings, powder coatings, and others. User type segment is classified into original equipment manufacturer (OEM) and maintenance, repair & overhaul (MRO). The end-use industry is segmented as commercial aviation, military aviation, and general aviation. Application of aerospace coatings market includes exterior and interior surface of the aircraft. Geographically, the market is analyzed across North America, Europe, Asia-Pacific, and LAMEA.

Major players profiled in this study include the following:

Akzonobel N.V.

BASF SE

Henkel AG & Co. KGaA

Hentzen Coatings, Inc.

IHI Ionbond AG

Mankiewicz Gebr. & Co.

Mapaero

PPG Industries, Inc.

The Sherwin-Williams Company

Zircotec Ltd.

KEY BENEFITS FOR STAKEHOLDERS

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

It offers qualitative trends as well as quantitative analysis from 2016 to 2023 to assist the stakeholder understand the market scenario.

In-depth analysis of the key segments demonstrates the application of aerospace coatings across various user types and end-use industries.

Competitive intelligence highlights the business practices followed by key 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.

KEY MARKET SEGMENTS

By Resin Type

Epoxy

Polyurethane

Others

By Technology

Solvent-Based Coatings

Water-Based Coatings

Powder Coatings

Others

By User Type

Original Equipment Manufacturer

Maintenance, Repair & Overhaul

By End-use Industry

Commercial Aviation

Military Aviation

General Aviation

By Application

Exterior

Interior

By Geography

North America

U.S.

Canada

- Mexico
- Europe
  - UK
  - Germany
  - France
  - Italy
  - Spain
  - Rest of Europe
- Asia-Pacific
  - China
  - India
  - Korea
  - Japan
  - Rest of Asia-Pacific
- LAMEA
  - Brazil
  - Argentina
  - Saudi Arabia
  - UAE

Rest of LAMEA

KEY PLAYERS

AHC Oberfl?chentechnik GmbH

Argosy International

Asahi Kinzoku Kogyo Inc.

Brycoat Inc.

Cheaerospacel

Hohman Plating & Manufacturing LLC

International Aerospace Coatings Holdings LP

Merck Performance Materials

NVSC Specialty Coatings

Zodiac Aerospace

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

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