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Paints & Coatings Market based on By Resin Type [Acrylic, Alkyd, Epoxy, Polyurethane, Polyester, Fluoropolymer, Polyether Etherketone (PEEK), Polyether Ketone (PEK), Polyaryl Etherketone (PAEK) and others), Application (Architectural and Industrial), Regional Outlook– Global Forecast up to 2030

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Abstracts

In order to determine the present size of the paint and coatings business, the study covered four main actions. In-depth secondary research was conducted to gather data on the parent, peer, and market markets. The following stage involved conducting primary research to confirm these conclusions, hypotheses, and sizing with industry experts throughout the value chain. A combination of top-down and bottom-up methods was used to assess the overall market size. The size of the market for each section and subsegment was then estimated using data triangulation and market breakdown.

After secondary research provided information about the paints and coatings market scenario, extensive primary research was carried out. Market specialists from the supply and demand sides in several key North American, European, Asia Pacific, Middle Eastern and African, and South American nations were interviewed in-depth. Emails, phone interviews, and questionnaires were used to gather primary data. Several industry experts, including Chief X Officers (CXOs), Vice Presidents (VPs), Directors, and members of business development, marketing, and product development/innovation teams, as well as relevant key executives from paint and coatings vendors, raw material suppliers, distributors, and influential opinion leaders, were the main sources from the supply side. To get information such as market statistics, revenue data from the products and services, market breakdowns, market size estimates, market projections, and data triangulation, primary interviews were

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carried out.

Understanding the numerous trends pertaining to technology, resin type, end use industry, and geography was also aided by primary research. To understand the buyer's perspective on suppliers, products, component providers, and their current usage of paints and coatings as well as their future outlook of their business which will affect the overall market, interviews were conducted with CIOs, CTOs, and CSOs as well as installation teams of customers/end users who are using paints and coatings.

The financial statements of businesses selling paints and coatings as well as data from numerous trade, business, and professional associations were cited as secondary sources for this research study. The total size of the paint and coatings market was determined by gathering and analyzing secondary data, and primary respondents verified this estimate.

The segmentation coverage of the study is provided below.

Paints & Coatings Market based on Resin Type:

Acrylic

Alkyd

Epoxy

Polyurethane

Polyester

Fluoropolymer

Polyether Ether ketone (PEEK)

Polyether Ketone (PEK)

Polyaryl Etherketone (PAEK)

others

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Paints & Coatings Market based on Application:

Architectural

Industrial

Paints & Coatings Market based on Geography:

North America

US

Canada

Europe

Germany

UK

France

Italy

Spain

Rest of Europe (RoE)

Asia Pacific (APAC)

China

Japan

India

Australia

South Korea

Rest of Asia Pacific (RoAPAC)

Latin America (LATAM)

Brazil

Argentina

Rest of South America

Middle East and Africa (MEA)

UAE

Turkey

Saudi Arabia

South Africa

Rest of Middle East & Africa

It is anticipated that housing and construction activity would progressively spread throughout North America and Europe over the course of the next five years. China's construction industry is expected to grow faster than that of Europe or North America, even though it experienced a notable downturn over the preceding two to three years. In order to keep up with the increasing rates of urbanization brought on by people relocating from rural areas to cities in search of better wages, construction levels are rising in countries like South America, Southeast Asia, and India. Investment in infrastructure will lead to a rise in construction activities. Governments everywhere continue to encourage large infrastructure expenditures in order to boost their economies' productive potential and propel the post-Covid economic recovery. The civil engineering sector will increase at the quickest rate in the construction market. Australia is expected to produce less building in 2023—roughly 3% less. Property prices drop and construction costs skyrocket when it comes to residential building due to high inflation and rising interest rates. Following a 0.8% loss in 2022, Belgium anticipates a 1.3%

decline in construction production in 2023, primarily as a result of decreased activity in the residential and industrial construction divisions. Growing building activity finance costs and growing inflation have an effect on both.

Excellent flow characteristics, fine perforations, decreased edge build-ups, and uniform raw material distribution throughout the powder mixture are all provided by thin-film powder coatings. Paints, protective coatings, and optical coatings can all use them. Nevertheless, the thickening of the polymer might result in the production of an uneven texture, making it challenging to manufacture thin finishes with traditional powder coatings. Powder coatings give metal items a thick polish. For thin films, uniform flow and leveling are necessary.

A effective thin-film application considers the relationship between powder coating pigmentation's opacity and hue. Thin film production is better using polyurethane resins due to its flow characteristics, physical attributes, and affordability. Wetting and substrate smoothness are two significant problems in thin-film powder coating applications. It is challenging to create thin films that resemble those made with wet paint systems.

Fluoropolymers, such as polyvinylidene difluoride (PVDF), are utilized in architectural and industrial coatings in the building and construction sector. PVDF is employed in architectural applications where long-term substrate protection and outstanding appearance are required. Because it can be formed into solvent dispersion coatings and has sufficient solubility in ester and ketone solvents, PVDF is the most desirable fluoropolymer.

PVDF-based coatings can be baked at temperatures between 230°C and 250°C after being applied by spray coating or traditional coil processes. They may self-extinguish, have good weather resistance, and a high dielectric strength. PVDF is also stable in the presence of sunshine and other UV radiation sources. It is frequently utilized as the foundation resin for durable exterior coatings. Licensed industrial paint producers employ PVDF coatings to formulate durable, long-lasting paints that also perform well in architectural coating applications.

PVDF and other fluoropolymers, including polytetrafluoroethylene (PTFE), fluorinated ethylene propylene (FEP), and ethylene tetrafluoroethylene copolymer (ETFE), have numerous properties that make them highly valuable in the building and construction sector. This is particularly true in nations where coatings must withstand high summer temperatures. In the building and construction sector, fluoropolymer coatings with their inherent long-life properties outperform polyester, thick film urethanes, acrylics, plastisol, silicone-modified performance polyester, and other resin coil coatings. As a result, fluoropolymer-based coil coatings are crucial for use in building and construction, and demand for PVDF-based coil coatings is predicted to rise in the future.

This report illustrates the most vital attributes of the Paints & Coatings Market, which are driving and providing opportunities.

This research gives an in-depth analysis of the Paints & Coatings Market growth on the basis of several segments in the market.

This report presents the predictions of the past and present trends of the Paints & Coatings Market.

This study also presents the competitive analysis, such as key strategies and capabilities of major players of the Paints & Coatings Market.

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