

Aerospace & Defense Chemical Distribution Market Opportunity, Growth Drivers, Industry Trend Analysis, and Forecast 2024 - 2032

Market Report | 2024-09-03 | 220 pages | Global Market Insights

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Report description:

The Global Aerospace & Defense Chemical Distribution Market was valued at approximately USD 5.06 billion in 2023 and is projected to reach around USD 7.35 billion by 2032, with a CAGR of over 4.2% from 2024 to 2032. The demand for paints and coatings is a key factor driving growth in this market, as they play a crucial role in protecting aircraft and defense equipment from corrosion, harsh environmental conditions, and wear. These coatings act as barriers against moisture, UV radiation, and chemicals, extending the life of vital components and enhancing performance.

The rising demand for specialized coatings designed to meet stringent performance and safety standards is driving innovation and market expansion.

The market is segmented by product into adhesives & sealants, lubricants & greases, paints & coatings, cleaners & solvents, and oils & hydraulic fluids. Paints & coatings dominated the market in 2023 with a value of USD 1.77 billion and are expected to reach USD 2.65 billion by 2032. These products are essential for protecting high-value assets from environmental stressors, ensuring durability, and reducing maintenance needs.

Based on application, the market is divided into airframe, system, engine, and interiors. The airframe segment held a 36% market share in 2023 and is expected to see significant growth by 2032. The demand for chemicals used in ensuring the structural integrity, performance, and safety of aircraft continues to drive the airframe segment's dominance in the market.

In terms of distribution channels, the market is split into OEM and aftermarket. The aftermarket segment accounted for 63.7% of the market share in 2023 and is projected to grow steadily through 2032, driven by the ongoing need for maintenance, repair, and overhaul services.

By end-user, the market includes commercial, military, spaceship, and others. The commercial segment led the market with a 70% share in 2023 and is projected to maintain its dominance due to the growing global air travel demand, which fuels the need for chemicals in aircraft manufacturing and maintenance.

North America held a significant market share in 2023, generating USD 2.21 billion in revenue. The region's strong aerospace and defense industry base, along with high investments in advanced technologies, continues to drive demand for specialized chemicals.

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