

North America High Performance Ceramic Coatings Market (2019-2025)

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Abstracts

The North America High Performance Ceramic Coatings Market would witness market growth of 4.9% CAGR during the forecast period (2019-2025).

Ceramic coatings can provide high-performance metal and alloy oxide layers to fix corrosion, wear, and temperature, storage, and friction issues. Some ceramic coatings are available as thermal spray coating, plasma spray layer, sputter layer, dry film lubricants, and other wet chemicals, and electrochemical coatings. Depending on the application and decoration process, the size of ceramic movies can vary from 50 nm to several micron meters. Ceramic coverings are a wide range of subspecies such as silicon carbide deposited by chemical vapor, aluminum deposited plasma oxide deposited by spray and chrome oxide deposited with plasma. Efficient machining of these ceramic coatings to obtain the necessary performance is still under development.

Based on Product Type, the market is segmented into Oxide Coatings, Nitride Coatings and Carbide Coatings. Based on Technology, the market is segmented into Thermal Spray, Physical Vapor Deposition, Chemical Vapor Deposition and Other Technologies. Based on End User, the market is segmented into Automotive, Aerospace & Defense, General Industrial Tools & Machinery, Healthcare and Other Industries.. Based on countries, the market is segmented into U.S., Mexico, Canada, and Rest of North America.

The market research report covers the analysis of key stake holders of the market. Key companies profiled in the report include Saint-Gobain Group, Aremco Products, Inc., Keronite Group Limited, APS Materials, Inc., Bodycote PLC, A&A Coatings, Kurt J. Lesker Company, Swain Tech Coatings, Inc., Zircotec Ltd., PPG Industries, Inc.

Scope of the Study

Market Segmentation:

By Product

Oxide Coatings

Nitride Coatings and

Carbide Coatings

By Technology

Thermal Spray

Physical Vapor Deposition

Chemical Vapor Deposition and

Other Technologies

By End User

Thermal Spray

Physical Vapor Deposition

Chemical Vapor Deposition and

Other Technologies

By Country

US

Canada

Mexico

Rest of North America

Companies Profiled

Saint-Gobain Group

Aremco Products, Inc.

Keronite Group Limited

APS Materials, Inc.

Bodycote PLC

A&A Coatings

Kurt J. Lesker Company

Swain Tech Coatings, Inc.

Zircotec Ltd.

PPG Industries, Inc.

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