Trivalent Chromium Finishing Market Research Report – Global Forecast till 2025

Market Overview

Trivalent chromium finishing is a premier plating method used in decorative and functional finishes. The method gained prominence as a viable substitute for hexavalent chromium finishing which is considered carcinogenic by federal agencies.

The global trivalent chromium finishing market is estimated to touch a valuation of USD 416 million by 2025, as per the latest findings of Market Research Future (MRFR). It is predicted to register 5.80% CAGR over the forecast period (2018-2025). It was previously valued at USD 271 million in 2017.

Factors driving market growth include strict regulations concerning the use of hexavalent chromium and rising demand for trivalent chromium plating in the automotive industry. But the availability of thermal spray coating as an alternative to plating can hamper market growth.

Segmentation Overview

The global trivalent chromium finishing market is segmented on the basis of type and application. By type, the market is segmented into plating, conversion coatings, and passivation. Major applications of trivalent chromium finishing include automotive, hydraulics & heavy machinery, oil & gas, aerospace, and others.

Regional Overview

Based on regions, the global trivalent chromium finishing market is segmented into North America, Latin America, Europe, Asia Pacific (APAC), and the Middle East & Africa (MEA). The APAC region is expected to experience a stellar growth rate owing to the booming automotive sector in India, Thailand, China, and South Korea. Europe is projected to exhibit a modest growth rate during the assessment period owing to several policies set by the European Union for adherence of trivalent chromium finishing.

Competitive Landscape

Notable players in the global trivalent chromium finishing market report include MacDermid, Inc. (U.S.), Atotech (Germany), Chem Processing, Inc. (U.S.), Ronatec C2C, Inc. (U.S.), Midland Polishing & Plating Ltd. (U.K.), ASTERION, LLC (U.S.), Electro Chemical Finishing (U.S.), CHEMEON Surface Technology, LLC (U.S.), Master Finish Company (U.S.), and Three J's Industries, Inc. (U.S.).

Research Methodology

At Market Research Future, we consider the proper blend of accurate, reliable, and relevant data as of prime importance. Our data analysts are adept in exactly interpreting data and gaining appropriate information. The primary research includes a head-to-head interview with eminent market insiders who have a pulse on market trends. The secondary method amplifies pertinent factors of the market that can positively influence the market during the forecast period. Other credible sources such as annual reports, publications by relevant associations, and SEC filings do play an integral part in the planning of the report. To maintain an objective analysis, we have included several proprietary
standards for the estimation and validation of market data. Top-down and bottom-up approaches are a part of this analysis for a holistic understanding of the market, and the endeavor is to provide our client with an edge that would help them gain insights.

Analysis Period

- Base Year - 2017
- Projection Period - 2018 to 2023
- Market Valuation - USD Million
- Market Volume - Tons

For the scope of the report, the global trivalent chromium finishing market is segmented in the following manner

**Type**

- Plating
- Passivation
- Conversion Coatings

**Application**

- Hydraulics & Heavy Machinery
- Oil & Gas
- Automotive
- Aerospace
- Others

**Region**

- North America
  - The U.S.
  - Canada
- Latin America
  - Mexico
  - Brazil
  - Argentina
  - Rest of Latin America
- Europe
  - The U.K.
  - Italy
  - Spain
  - France
  - Russia
  - Poland
  - Rest of Europe
- Asia Pacific (APAC)
  - China
  - Japan
  - India
  - Thailand
  - Australia & New Zealand
  - South Korea
  - Rest of Asia Pacific
- The Middle East & Africa (MEA)
  - Turkey
  - Egypt
  - South Africa
  - GCC Countries
  - Rest of the Middle East & Africa

**Intended Audience:**

- Trivalent chromium finishing manufacturers
- Trivalent chromium finishing service providers
- Traders and distributors of trivalent chromium finishing
- Production process industries
- Potential investors
- Raw material suppliers
- Nationalized laboratory
Infographic Summary:

Global Trivalent Chromium Finishing Market Valued at USD 4,150,058.28 thousands in 2025

Global Trivalent Chromium Finishing Market, By Type, 2017 (Value %)

- Plating: 83.96%
- Conversion Coatings
- Passivation

Global Trivalent Chromium Finishing Market, By Application, 2017 (USD Thousand)

<table>
<thead>
<tr>
<th>Year</th>
<th>Automotive</th>
<th>Aerospace</th>
<th>Others</th>
<th>Oil &amp; Gas</th>
<th>OPEX &amp; Heavy Machinery</th>
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