

# **Chlorinated Rubber Coatings Market - Global Industry Size, Share, Trends, Opportunity, and Forecast, Segmented By Type (High Temperature and Low Temperature), By Application (Paints, Lacquers, Adhesives and Printing Inks), By Region & Competition, 2021-2031F**

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## **Abstracts**

The Global Chlorinated Rubber Coatings market is projected to expand from USD 2.23 Billion in 2025 to USD 3.01 Billion by 2031, registering a CAGR of 5.13%. These single-component, plasticized paints are formulated from chlorinated rubber resins and are renowned for their superior impermeability to water, resistance to chemicals, and longevity in harsh industrial or marine settings. Growth in this sector is fundamentally underpinned by the widening scope of global maritime trade, which demands vigorous anti-corrosive solutions for vessels and shipping containers, as well as rising government expenditures on long-lasting road marking infrastructure. These practical requirements serve as specific adoption catalysts, distinguishing the market from general aesthetic drivers within the broader coatings industry.

Despite these strengths, the sector confronts a major obstacle regarding strict environmental mandates that restrict Volatile Organic Compound (VOC) emissions, obliging producers to rework established solvent-based formulas. Even with these regulatory burdens, demand across critical application segments continues to be robust. Data from the China Coatings Industry Association indicates that in 2024, vital end-markets such as shipbuilding and container manufacturing experienced swift expansion, which helped drive a year-on-year rise of 9.34% in total industry profits, reaching 26.29 billion yuan.

## Market Driver

The growth of global marine and offshore sectors serves as a leading propellant for the chlorinated rubber coatings market, largely due to the material's exceptional ability to withstand saltwater corrosion and chemical deterioration. These coatings are indispensable for maintaining shipping fleets and offshore platforms, where single-component systems provide both straightforward application and enduring defense against hostile marine conditions. Accordingly, the rapid increase in fleet sizes directly translates to higher usage of these protective layers. As noted by BIMCO in their May 2024 'Shipping Market Overview & Outlook', the global supply of ships is projected to increase by an average of 9.1% in 2024, generating significant demand for marine-grade anti-corrosive paints.

Simultaneously, rising capital injections into public infrastructure are substantially elevating demand, especially for traffic road marking paints and the protection of structural steel. Chlorinated rubber remains the binder of choice for road markings because of its quick solvent release and resilience under heavy traffic, while also acting as a strong primer for utility frameworks and steel bridges. This segment is supported by robust government funding; for example, the Press Information Bureau of India reported in February 2024 that the 'Interim Budget 2024-2025' raised capital expenditure for infrastructure by 11.1% to ₹11,11,111 crore. Moreover, the general need for protective coatings on infrastructure materials remains solid, as the World Steel Association's April 2024 'Short Range Outlook' forecasts a 1.7% rebound in global steel demand to 1,793 million tonnes in 2024, requiring extensive coating coverage.

## Market Challenge

The central hindrance facing the Global Chlorinated Rubber Coatings market is the implementation of rigorous environmental standards aimed at curbing Volatile Organic Compound (VOC) emissions. Since these coatings are primarily solvent-based, they depend on substantial amounts of organic solvents to deliver their distinct film-forming capabilities and impermeability. As regulators worldwide decrease allowable VOC limits, manufacturers encounter significant compliance challenges, often requiring the installation of expensive solvent recovery units or the development of complex product reformulations. Achieving this transition is technically demanding for chlorinated rubber chemistries, as it is difficult to modify them without sacrificing key performance traits like durability and water resistance, thereby limiting their use in regions with tight environmental rules and encouraging a shift toward lower-emission alternatives.

The concrete effects of these regulatory pressures are reflected in recent production data from key manufacturing centers. Statistics from the China Coatings Industry Association reveal that in 2024, the total output of the Chinese coatings industry stood at 35.34 million tons, representing a year-on-year decline of 1.60%. This reduction in volume highlights the friction generated by necessary industrial restructuring. It suggests that the stringent compliance environment is effectively constraining volume expansion in traditional solvent-heavy segments, including chlorinated rubber, as the sector struggles to adapt to the operational and production limitations mandated by these environmental policies.

## **Market Trends**

The shift toward eco-friendly and low-VOC formulations is fundamentally altering the Global Chlorinated Rubber Coatings market, as producers innovate to preserve impermeability standards while adhering to emission regulations. Market participants are increasingly adopting modified hybrid systems and high-solids technologies that deliver marine-grade durability with lower solvent levels. This commercial transition is corroborated by the growing revenue contribution of compliant products, indicating that environmental adaptation has become a key driver of profitability. For instance, PPG's April 2025 '2024 Sustainability Report' noted that sustainably advantaged solutions accounted for 41% of the company's total sales, illustrating the swift market adoption of these environmentally compliant protective coatings.

Additionally, the strategic consolidation of resin and pigment supply chains has appeared as a vital trend for securing specialized raw materials and reducing volatility. Leading entities are integrating upstream resources to guarantee a reliable flow of the specific chlorinated binders needed for heavy-duty uses. This structural progression optimizes operations and strengthens financial stability against shifting input costs, enabling firms to sustain production levels despite supply interruptions. The effectiveness of this approach is demonstrated by recent financial outcomes; Nippon Paint Holdings, in its February 2025 'Financial Results for the Fiscal Year Ended December 31, 2024', reported a 13.6% year-on-year revenue increase, attributed to successful asset assembly and supply chain reinforcement.

## **Key Market Players**

PPG Asian Paints Private Limited

Promain Co Ltd

Pragati Paints & Allied Products

Firwood Paints Ltd.

Covestro AG

Interquad Group Ltd

Spencer Coatings Group Ltd

Kelley Technical Coatings, Inc.

RAMUC Pool and Deck Paint

Shanghai NH Trade Co., Ltd.

## Report Scope

In this report, the Global Chlorinated Rubber Coatings market has been segmented into the following categories, in addition to the industry trends which have also been detailed below:

Chlorinated Rubber Coatings market, By Type

High Temperature

Low Temperature

Chlorinated Rubber Coatings market, By Application

Paints

Lacquers

Adhesives

Printing Inks

## Chlorinated Rubber Coatings market, By Region

### North America

United States

Canada

Mexico

### Europe

France

United Kingdom

Italy

Germany

Spain

### Asia Pacific

China

India

Japan

Australia

South Korea

### South America

Brazil

Argentina

Colombia

Middle East & Africa

South Africa

Saudi Arabia

UAE

### **Competitive Landscape**

Company Profiles: Detailed analysis of the major companies present in the Global Chlorinated Rubber Coatings market.

### **Available Customizations:**

Global Chlorinated Rubber Coatings market report with the given market data, TechSci Research offers customizations according to a company's specific needs. The following customization options are available for the report:

### **Company Information**

Detailed analysis and profiling of additional market players (up to five).

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