

## **Precipitated and Hydrated Silica Market Outlook - Forecast Trends, Market Size, Share and Growth Analysis Report (2025-2034)**

Market Report | 2025-08-12 | 150 pages | EMR Inc.

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### **Report description:**

The precipitated silica market was valued at USD 1.91 Billion in 2024. It is expected to grow at a CAGR of 6.00% from 2025 to 2034, reaching approximately USD 3.42 Billion by 2034.

#### Precipitated and Hydrated Silica Market Growth

While the main application for precipitated and hydrated silica remains as performance improvers in the rubber industry and oral care industry, respectively, the surge in FMCG and pharmaceutical industries during the COVID-19 pandemic is expected to increase the demand for both forms of silica and boost the growth of the precipitated and hydrated silica market. This is due to their increasingly prominent role as anti-caking and thickening agents in the food-processing and pharmaceutical industries.

#### Precipitated and Hydrated Silica Market Trends

The poor growth of the automobile and aviation industries due to the COVID-19 pandemic may affect the production levels of tyre, which, in turn, will affect the demand for precipitated silica. However, the growth of the EV sector, equally reliant on tyres as conventional commercial vehicles, will help bolster demand of global precipitated and hydrated silica market. Additionally, precipitated silica, when utilised in vehicle tyres, can increase fuel performance, which is of increased relevance as standards for fuel efficiency in automobiles continue to rise.

#### Recent Developments

As per the precipitated and hydrated silica market dynamics and trends, PPG disclosed new data about the benefits of its PPG FLO-GARD precipitated silica products in July 2024. The data shows that the PPG Flo-Gard silicas offer more than 40 times the carrying capacity of maltodextrin, which makes them more favourable in food products.

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## Industry Outlook

The Growing Applications of Precipitated and Hydrated Silica in Rubber and Cosmetics Market Bolster the Demand.

As per the precipitated and hydrated silica industry analysis, precipitated silica is used as a reinforcing agent in natural and synthetic rubber. As of 2024, Thailand leads global natural rubber production with 4,850,000 metric tons, significantly outpacing other countries. This dominance is attributed to favourable climatic conditions and a well-established rubber industry. Indonesia follows with 3,550,000 metric tons, benefiting from similar environmental advantages and extensive plantation areas.

Vietnam, with 1,190,000 metric tons, and India, with 911,000 metric tons, are also prominent players, though their output is considerably lower than Thailand and Indonesia, which boosts the growth of the precipitated and hydrated silica industry. China, producing 831,000 metric tons, remains a key player due to its vast industrial demand.

Malaysia, with 730,000 metric tons, continues to be a major producer, leveraging its historical expertise in rubber cultivation. Sri Lanka, Cote d'Ivoire, the Philippines, and Cameroon have outputs, ranging from 88,000 to 72,000 metric tons.

Precipitated and hydrated silica is employed as an absorbent and thickening agent for cosmetics, which also boosts the precipitated and hydrated silica industry revenue. In 2023, the global beauty market exhibited distinct regional disparities. North America and North Asia dominated the market, each accounting for 29% of the total market share. This significant presence reflects the strong consumer demand for beauty products in these regions, driven by high disposable incomes, a robust retail infrastructure, and a cultural emphasis on beauty and personal care.

Europe followed, holding 24% of the global market share, which also boosted the precipitated and hydrated silica market value. The European beauty market is characterised by a long-standing tradition of beauty and skincare, supported by numerous established brands and a steady consumer base that values high-quality and innovative products. Regions categorized under SAPMENA-SSA (South Asia Pacific, Middle East, North Africa, and Sub-Saharan Africa) collectively held a smaller share of 9%.

### Precipitated and Hydrated Silica Industry Segmentations

Precipitated silica is a white, powdery substance obtained via precipitation of silicate salt solution. The precipitate is then filtered out and dried to reach an amorphous form. Hydrated silica, unlike precipitated silica, retains moisture and is a gel-like substance.

The main segments of the market are:

- Precipitated Silica
- Hydrated Silica

The market can be broadly categorised on the basis of its applications into:

- Anti-Caking Agent
- Thickening Agent
- Absorbent
- Others

The global precipitated and hydrated silica market can also be broken down based on end-use as follows:

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- Agrochemical
- Food and Beverage
- Personal Care and Cosmetic
- Oral Care
- Rubber
- Others

The EMR report looks into the regional markets of precipitated and hydrated silica like:

- North America
- Europe
- Asia Pacific
- Latin America
- Middle East and Africa

#### Competitive Landscape

The report presents a detailed analysis of the following key players in the global market for precipitated and hydrated silica industry, looking into their capacity, market shares, and latest developments like capacity expansions, plant turnarounds, and mergers and acquisitions:

- PPG Industries, Inc
- Evonik Industries A.G.
- Alban Muller
- Oriental Silicas Corporation
- Solvay Group
- Others

The comprehensive report looks into the macro and micro aspects of the industry. The EMR report gives an in-depth insight into the market by providing a SWOT analysis as well as an analysis of Porter's Five Forces model.

#### Precipitated and Hydrated Silica Market Regional Analysis

##### Growth in the Asia Pacific Rubber Industry to Boost the Precipitated and Hydrated Silica Market

Due to their combined versatile applications and increased demand, especially in the Asia Pacific region, precipitated and hydrated silica industry shows signs of healthy growth in the forecast period. This depends on the continued expansion of the Asia Pacific rubber industry, which holds the highest share in the consumption of precipitated silica. Within the rubber industry, the most common use of precipitated silica is in the production of high-performance tyres for use in the automotive sector. Meanwhile, hydrated silica is primarily used in the production of toothpaste, with applications at various production stages. Besides this, both precipitated and hydrated silica find applications in the food and beverages and pharmaceutical industries.

#### Precipitated and Hydrated Silica Market Report Snapshots

##### Precipitated and Hydrated Silica Market Size

##### Precipitated and Hydrated Silica Market Growth

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Precipitated and Hydrated Silica□Market Trends

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Precipitated and Hydrated Silica Market Regional Analysis

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