

# **Calcium Carbonate Market by Type (Precipitated Calcium Carbonate, Ground Calcium Carbonate) by Application (Paints & Coatings, Papers, Pharmaceuticals, Adhesive & Sealants, Chemicals) by Region (North America, Europe, Asia Pacific, Latin America, Middle East & Africa) - Global Industry Perspective, Comprehensive Analysis and Forecast, 2017 - 2024**

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## **Abstracts**

Calcium carbonate is widely available in the natural inorganic compound, existing mainly as a white odorless tasteless powder in a crystal format. Marble, chalk, and limestone are amongst the common forms of calcium carbonate found in nature. It is used commonly in construction, fertilizers, iron ore production, paints coatings, sealants, and adhesives.

There are two forms of calcium carbonate used commercially, they are precipitated calcium carbonate (PCC) and ground calcium carbonate (GCC). The main difference between PCC and GCC lies in their processing cost and molecular properties. PCC is prepared by passing carbon dioxide into calcium hydroxide solution. Whereas GCC is derived by crushing limestones or quarry mines into fine powdered form. China, Japan, U.S.A., India, Germany, Italy and Mexico have some of the largest reserves for limestone in the world today.

The market is segmented on the basis of types and applications. By types, calcium carbonate market is bifurcated as precipitated calcium carbonate (PCC) and ground calcium carbonate (GCC). PCC is the fastest growing calcium carbonate across the

globe. By applications, calcium carbonate market is classified into papers, paints coatings, pharmaceuticals, adhesive sealants and others. The paper industry holds largest market share within application segment.

Expanding coating additive industry, thriving paper industry and increasing investments in the construction sector are some of the key drivers of global calcium carbonate market. Calcium carbonate is preferred for paper making process due to properties like extended shelf life of paper, better print quality, and cheaper paper production process. Paper industry forms the largest segment within global calcium carbonate market. According to Environmental Paper Network, global paper production is anticipated to increase from 406 million tonnes in 2015 to 482 million tonnes by 2030. Increase in paper production would augment demand for calcium carbonate for the forecast period.

Global calcium carbonate market is propelled by thriving paper industry, expanding additive coating industry, and increasing investments in construction sector. Construction is amongst the key sectors for calcium carbonate market for the forecast period. According to World Bank estimates, global infrastructure investment is anticipated to reach USD 94 trillion by 2040, with countries mainly in Asia Pacific, North America and Europe looking forward to keep pace with development demands. Growth in construction sector is likely to bolster investments in allied sectors. Limited reserve of calcium carbonate and health safety regulation from government is a major challenge for calcium carbonate market for the forecast period.

Regionally, Asia Pacific is the fastest and largest market for calcium carbonate. The market in Asia Pacific is propelled by healthy economic outlook, expanding manufacturing sector, government FDI regulations aiding investments across domains, and significant reserves of limestone in major economies. India, Vietnam, Thailand and China are key market for calcium carbonate products for the forecasted period 2017-2024. Europe and North America are foremost markets for calcium carbonate in terms of revenue. Market in both regions is driven by investment in construction domain, expanding coating additive industry, and presence of large reserves of limestone.

Huber Engineered Materials, Fujian Snamu Nano Calcium Carbonate Co Ltd., Graymont Ltd., Mississippi Lime Company, Imerys Mineral Ltd., Omya GmbH., Changzhou Calcium Carbonate Ltd., Jinsha Chemical., Jiawei Chemical., Shiraishi Kogyo Kaisha Ltd., and Schaefer Kalk Sdn Bhd., are some of the key institutions well invested in calcium carbonate market.

The report segments global Calcium Carbonate market as follows:

*Calcium Carbonate Market by Type (Precipitated Calcium Carbonate, Ground Calcium Carbonate) by Application (Pa...*

## Calcium Carbonate Market: Type Segment Analysis

A-Flute

B-Flute

C-Flute

E-Flute

F-Flute

## Calcium Carbonate Market: Application Segment Analysis

Single face

Single wall

Double wall

Triple wall

## Calcium Carbonate Market: Box Type Segment Analysis

Slotted boxes

Telescope boxes

Rigid boxes

Folder boxes

## Calcium Carbonate Market: End-Use Industry Segment Analysis

Pharmaceuticals

Electronics

Automotive

Consumer goods

Chemicals

## Calcium Carbonate Market: Regional Segment Analysis

North America

U.S.

Europe

UK

France

Germany

Asia Pacific

China

Japan

India

Latin America

Brazil

Middle East and Africa

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