

# Global Specialty Silica Market: Trends and Opportunities (2014-2019)

September 2014



# Specialty Silica Market: Scope & Coverage

## Scope of the Report

The report titled “Global Specialty Silica Market: Trends and Opportunities (2014-2019)” provides an in-depth analysis of the Global Specialty Silica market with focus on its major segments- Precipitated Silica and Fumed Silica. The report assesses the market size and trends of specialty silica globally. The report provides specific insights on the market size, penetration, drivers, developments and future outlook of the specialty silica market globally and in the three main regions. Also, the key opportunities, the factors driving growth of the market and challenges being faced by the players in the industry are outlined and analyzed in the forecast period (2014-19). The report also analyzes market environment factors and industry structure, evaluates market share and further, key players of the industry like Evonik Industries, Solvay and PPG Industries are profiled.

## Regional Coverage

- ⊕ North America
- ⊕ Asia-Pacific
- ⊕ Western Europe

## Company Coverage

- ⊕ Evonik
- ⊕ Solvay
- ⊕ PPG

## **Executive Summary**

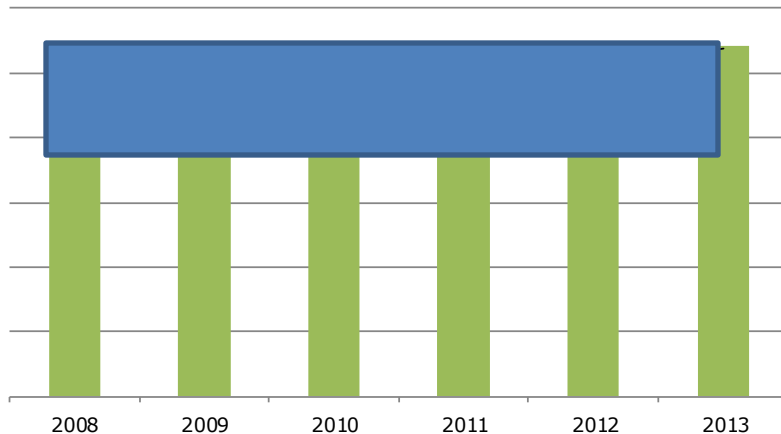
Silica, in its many forms, is a necessary component for a wide range of products and construction materials around the world. Specialty Silica (precipitated, fumed and silica gel) play a vital role in a wide range of end use markets spanning rubber, elastomers, electronics, print media, chemical mechanical planarization, polymers and footwear among other applications. With such a diverse range of important applications, demand for silica is on the rise in many countries.

Precipitated Silica holds the majority of the share of the overall specialty silica market and is growing at an accelerated pace mainly on the back of growth in the automobile and construction sector and also the increasing adoption of green tyres. Highly Dispersible Silica (HDS), made from sand, enables to produce green tyres and it is used to transform the performance of the tyre for both fuel efficiency (easier for the tyre to roll) and safety (improved traction) without sacrificing the overall life of the tyre. In combination with silanes, it allows producing tyres with a significantly reduced rolling resistance can save fuel consumption over cars with conventional tyres.

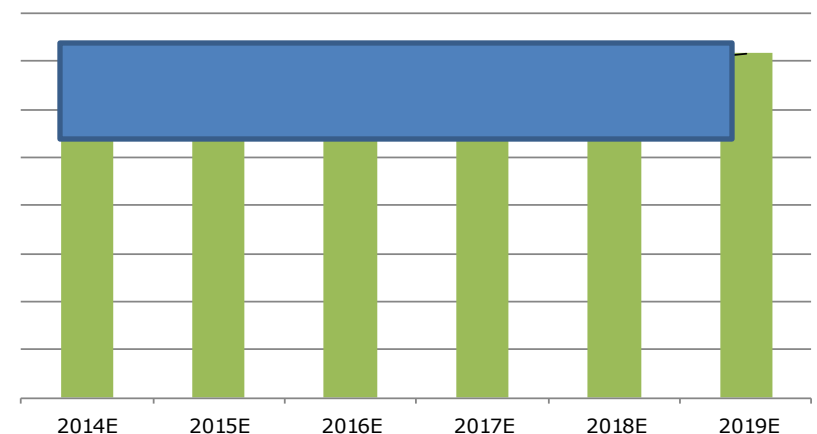
# Global Specialty Silica Market: An Overview

The term Silica is derived from Silicon dioxide. It is a chemical compound that is an oxide of silicon with the chemical formula  $\text{SiO}_2$  (one atom of silicon and two atoms of oxygen). Silica is the name given to a group of minerals composed of silicon and oxygen, the two most abundant elements in the earth's crust. Silica is most commonly found in nature as quartz as well as in various living organisms.

Global Specialty Silica market, 2008-2013  
(US\$ Billions)



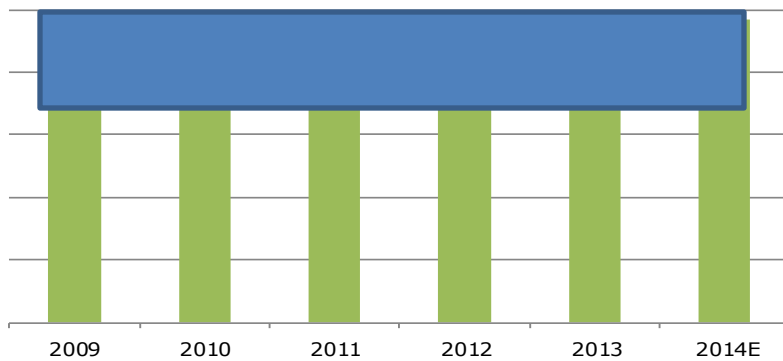
Global Specialty Silica market, 2014-2019E  
(US\$ Billions)



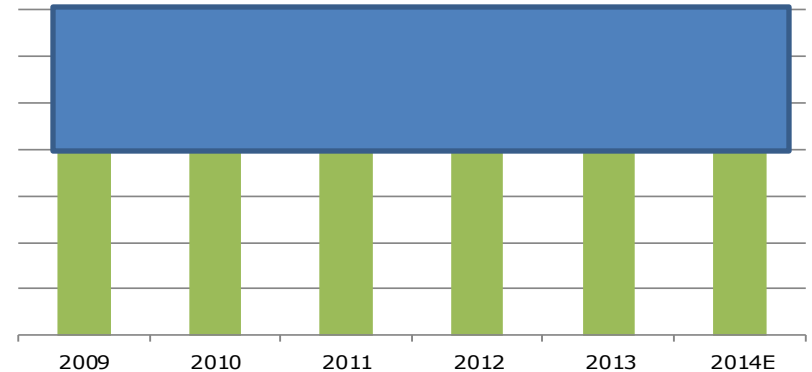
- Market size by premiums of Global Specialty Silica market is expected to reach to ... US\$ billions in the year 2019/20E, from ... US\$ billions in 2013/14E by growing at a CAGR of...%.
- Growth in the market is due to .....

# Global Specialty Silica Market : Demand Analysis

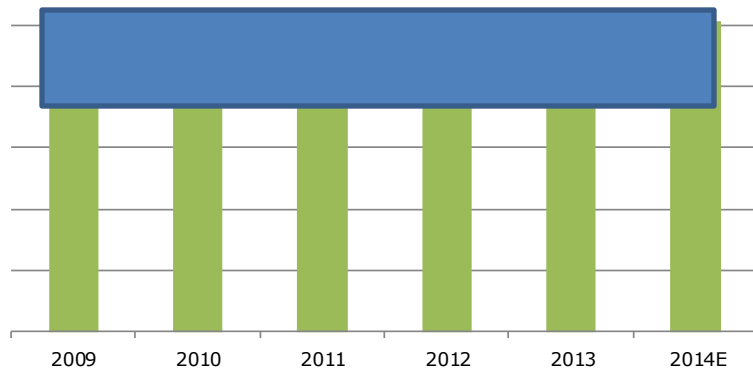
Demand of Specialty Silica in North America in, 2008-2013



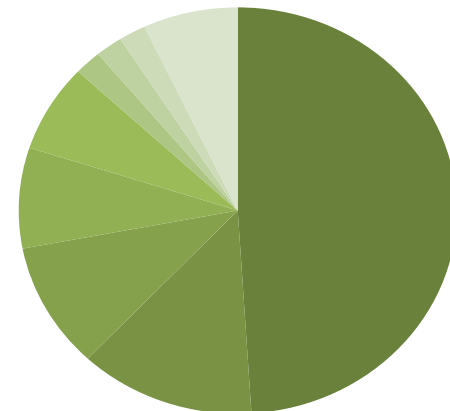
Demand of Specialty Silica in Asia-Pacific in, 2008-2013



Demand of Specialty Silica in Western Europe in, 2008-2013



Specialty Silica Exports by U.S.A in 2013



# Market Trends

## Shale Boom Leads the Surge Gas

- .....
- .....
- .....

## Substitution of conventional materials

- .....
- .....
- .....

## Rubber to be the fastest growing market

- .....
- .....
- .....

## Asia/Pacific region to offer best growth opportunities

- .....
- .....
- .....