
June 2013
METHODOLOGY

Both primary and secondary research methodologies were used in preparing this study. Initially, a comprehensive and exhaustive search of the literature on this industry was conducted. These sources included related books and journals, trade literature, marketing literature, other product/promotional literature, annual reports, security analyst reports, and other publications. Subsequently, telephone interviews or email correspondence was conducted with marketing executives etc. Other sources included related magazines, academics, and consulting companies.

INFORMATION SOURCES

The primary information sources include Company Reports, and National Bureau of Statistics of China etc.

STUDY GOAL AND OBJECTIVES

This report provides the industry executives with strategically significant competitor information, analysis, insight and projection on the competitive pattern and key companies in the industry, crucial to the development and implementation of effective business, marketing and R&D programs.

REPORT OBJECTIVES

◆ To establish a comprehensive, factual, annually updated and cost-effective information base on market size, competition patterns, market segments, goals and strategies of the leading players in the market, reviews and forecasts.
◆ To assist potential market entrants in evaluating prospective acquisition and joint venture candidates.
◆ To complement the organizations’ internal competitor information gathering efforts with strategic analysis, data interpretation and insight.
◆ To suggest for concerned investors in line with the current development of this industry as well as the development tendency.
◆ To help company to succeed in a competitive market, and
Abstract

Silica (white carbon black), according to the production process, is often called fumed silica and precipitated silica. More than 90% of silica products in China are precipitated silica.

While abroad, fumed silica manufacturers occupy the vast majority; silica products are of high quality and reasonable structure and with more environmentally friendly production process. Major manufacturers include Rhodia, Evonik Industries, PPG Industries, Cabot, Wacker Chemie AG and Tokuyama Corporation. So far, these multinational companies have all set up factories in China, with capacity being at the forefront of the industry, of which, Cabot Bluestar Chemical (Jiangxi) Company Limited as the largest producer of fumed silica in China has production capacity of 15,000 tons.

As of 2012, China has been the world's largest producer of silica, with capacities of precipitated silica and fumed silica up to approximately 1.5 million tons and 55,000 tons, respectively, of which, Wuxi Quechen Silicon Chemical Co., Ltd. relying on 180,000-ton precipitated silica ranks first. Influenced by the downstream rubber industry downturn and the decline in exports, Chinese silica manufacturers have suspended production to relieve inventory pressure, resulting in a slight decrease in domestic production, down to about 1.35 million tons.

Global Silica Producers’ Layout in China

<table>
<thead>
<tr>
<th>Producer</th>
<th>Company in China</th>
<th>Nature</th>
<th>Capacity (kt)</th>
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<tbody>
<tr>
<td>Rhodia</td>
<td>Rhodia Silica Qingdao Co., Ltd.</td>
<td>Sole Proprietorship</td>
<td>72</td>
</tr>
<tr>
<td>Evonik Industries</td>
<td>Evonik Wellink Silica (Nanping) Co., Ltd.</td>
<td>Sino-German</td>
<td>100</td>
</tr>
<tr>
<td>Cabot</td>
<td>Cabot Bluestar Chemical (Jiangxi) Company Limited</td>
<td>Sino-U.S.</td>
<td>15</td>
</tr>
<tr>
<td>Wacker Chemie</td>
<td>Wacker Chemicals (Zhejiang) Co., Ltd.</td>
<td>German-U.S.</td>
<td>-</td>
</tr>
<tr>
<td>Tokuyama</td>
<td>Tokuyama Chemicals (Zhejiang) Co., Ltd.</td>
<td>Japanese-owned</td>
<td>10</td>
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</tbody>
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From the downstream demand, 71% of Chinese precipitated silica products are consumed in the field of rubber e.g. shoemaking, tire and silicone rubber. Shoemaking as a traditional application area for precipitated silica will keep stable demand. With the formal implementation of EU Tyre Labeling Act on November 1, 2012, precipitated silica especially highly dispersed precipitated silica of China (EU’s major tire exporter) will be benefited following the growth of the green tire industry.

Global and China Silica Industry Report, 2013 by ResearchInChina mainly covers the followings:

-- Supply and demand situation of the global silica industry;

-- Product structure, precipitated and fumed silica capacity, production, import and export of China silica industry;

-- Consumption structure and downstream applications of China silica industry, involving market situation as well as silica usages in footwear, tire, silicone rubber, pesticide & feed, coating and toothpaste.

-- Operation, silica business and development-in-China of the world’s six leading producers;

-- Operation, silica business, key projects, etc. of 11 precipitated silica producers and six fumed silica producers in China.
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