

Global Silanes Market Share, Competitive Market Share & Forecast, 2016 – 2024: Global Market Insights, Inc.

Global Silanes Market size valued at USD 1.5 billion in 2015, may exceed reach USD 1.8 billion by 2024. Silanes are homologues of saturated alkanes (carbon- hydrogen compounds) and are made of silicon and hydrogen only. It has a general formula of $\text{SiH}_2\text{n}+2$. Being very unstable in nature, the product can be produced only in absence of oxygen. It has good insulation properties. Commercially available silane is synthetically derived and the basic raw materials used for its production are silicon metal and methanol.

The prime factors that are driving the growth of product market are the increasing focus on fuel efficiency and regulation compliance, exponentially growing automobile sales, rising demand for green tire and road safety from consumers. Adhesives and sealants industry is also coming up with new innovations in additives and raw material processing which is only going to influence the global product market positively.

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Though having some excellent properties, there are still challenges to silanes market growth in the global market especially in paints and coatings industry, because of its inability to withstand static pressure. Moreover, slow growth in European economy and rising demand for paper packaging materials may act as a restraint to global product market growth.

As per the type of silanes, the global product market can be divided into mono/chloro silanes and organo-functional silanes. Mono/chloro silanes are generally used in photovoltaics, integrated circuits, electrical & electronics and flat panel displays. Mono/chloro silanes are also used for blending of silanes and siloxanes and as a protecting agent in pharmaceutical syntheses. Silane is extensively used to improve adhesion in adhesives and sealants to inorganic substrates such as glass, metal and stone. The growing electrical & electronics and flat panel display market and growing focus on solar energy as alternative source in developing nations are anticipated to drive the silanes market for the next coming years.

The major end users of silane are rubber & plastic, adhesives & sealants, fiber treatment, paints & coatings and others (pharmaceuticals, chemical processing and personal care). Anti-corrosion properties of silane make it an excellent material for protective coating in wide range of applications such as microbiological corrosion protection, making highly weatherable automotive parts and erosion/corrosion protection coatings.

The big giants in rubber industry like Michelin, Bridgestone, Yokohama, Goodyear and many others are constantly exploring the tire range by investing in the research and development wing. They are also making geographical expansion by tie-ups, mergers, acquisition and joint ventures, which is raising the demand for silane production worldwide.

To browse this report titled, ***“Global Silanes Market Size by Product, By Application, Industry Analysis Report, Regional Outlook, Application Potential, Price Trend, Competitive Market Share & Forecast, 2016 – 2024”*** please click on the link below:

<https://www.gminsights.com/industry-analysis/silanes-market>

Asia Pacific is expected to be leading the global silanes market. The prominent product market in Asia Pacific are China, India, South Korea, Malaysia and Thailand among others. Economic growth, increasing per capita & disposable income, industrialization and economies of scale are anticipated to boost the automotive and construction industries in India and China.

Due to industrial production scaled up tremendously in the last couple of years, China is expected to lead the global silanes market. The automotive sales are expected to increase the demand for silanes in glass fiber composites, rubber and plastics and paints & coatings industries for the coming couple of years. Some of the global key players in the silane production industry are Onichem, Silicones Europe, Dow Corning, Fujian Norcy New Material, OCI Materials, Dynasytan, USI Chemicals, Evonik Industries, Momentive Performance Materials Holding Company LLC, Nanjing Shuguang Chemical Group Company Limited and others.

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