Global Silane Coupling Agents Market: Information by Product (Aminosilane, Epoxysilane, Acryloxy, Vinylsilane), End-use Industries (Chemicals, Electrical, Automotive, Energy, Construction), Region (North America, Europe, Latin America) - Forecast till 2023

Market Synopsis:
The Global Silane Coupling Agents Market was valued at USD 530.6 million in 2018 growing with the CAGR of 3.62% during the forecast period. Silane Coupling Agents act as an intermediary which bonds organic material with inorganic material. Silane Coupling Agents have heat resistance, weatherability, water resistance properties and improves durability of resin. It is useful for improving the mechanical strength of composite materials. The Silane Coupling Agent is used in thermosetting resin-based fiber reinforced material and for surface treatment of glass fiber products. Increasing application of silane coupling agents in chemical industry for bonding organic materials and reacting with synthetic resin is estimated to grow the Global Silane Coupling Agents Market during the forecast period. For instance, global chemical market was valued at USD 5,000 billion in 2017 which is growing at a CAGR of 7.5%, thus rise in chemical industry is expected to propel silane coupling agents demand.

Growing demand for Silane Coupling Agents in the manufacturing of adhesives & sealants and paints & coatings for automotive, electronics and construction industries is driving product demand. High urbanization and industrialization in China, India, Brazil, and Mexico is increasing the number of residential and industrial infrastructure projects which is estimated to grow the consumption of Silane Coupling Agents in end-use industries.

Global Silane Coupling Agents Market Share, by Application, 2017 (%):
The Global Silane Coupling Agent Market is studied based on five segments Asia-Pacific, Europe, Latin America, North America and the Middle East & Africa. The Asia Pacific region is fastest growing market owing to high consumption of Silane Coupling Agent in glass fibre reinforced resin to be used in automotive and electric industries. Automotive body coatings are one of the core applications of paints & coatings in the automobile production. Other major applications include coatings of automotive frames, equipment coatings, metal components, interiors, and exterior coatings. Automotive production has been on the rise over the course of last five years and is expanding at 2.3% overall CAGR in 2017. Demand for vehicles in Asian markets is rising with a rise in disposable income. The automotive industry is expected to offer promising future for paints & coatings over the next five years. Therefore, Asia Pacific is anticipated to be the core market and a major Global Silane Coupling Agents manufacturing hub. North America market is also estimated to grow at significant CAGR owing to rise in application of silane coupling agent in chemical manufacturing. In 2016, US registered the sales of chemicals exceeding USD 800 billion. Increase in application of silane coupling agent in chemical production is expected to drive the regional market.

**Market Segmentation:**

The Global Silane Coupling Agent Market has been segmented based on Product, Application and Region.

**Based on Product** Silane Coupling Market is categorised as vinyl silane, Sulfur Silane, epoxy silane, amino silane and others. Vinyl silane is used as crosslinking agents and adhesion promoters which is driving segment demand.

**By Application** the market is segmented as plastics, fiber treatment, adhesives & sealants, paints & coatings and others. Paint & coating segment is estimated to register phenomenal growth owing to increase in application at automotive and construction industries.

**Key Players:**

Some of the prominent players in the Global Silicone Film Market are Evonik Industries (Germany), China National Bluestar (China), Nanjing Union Silicon Chemical Co. Ltd. (China), Gelest Inc. (US), Wacker Chemie AG (Germany), DowDuPont (US), Momentive Performance Materials Holdings LLC (US), Shin-Etsu Chemical Co. Ltd. (Japan), Hexpol Compounding (Belgium), 3M (US), Rayton Chemicals (US), Advanced Polymer Inc (US) and Tianjin Shengbin Chemical Engineering (China).

**Intended Audience**

- Silane Coupling Agent Manufacturers
- Traders and Distributors of Silane Coupling Agent
- Research and Development Institutes
- Potential Investors
- Raw Material Suppliers
- Nationalized Laboratories

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