Silica Sol Market Size, Shares, Business Growth and Upcoming Trends Forecast by 2031

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Silica Sol Market, by Application

WILMINGTON, DE, UNITED STATES, August 6, 2025 /EINPresswire.com/ -- The global silica sol market is witnessing significant growth, driven primarily by its rising usage in the automotive sector, especially for tire manufacturing. According to a new report published by Allied Market Research, titled “Silica Sol Market by Application (Binder, Surface Modification, Flocculant, Catalyst, Others), by End Use Industry (Chemicals, Foundry, Pulp and Paper, Plastics, Electrical and Electronics, Textile, Others): Global Opportunity Analysis and Industry Forecast, 2021–2031,” the global silica sol industry was valued at $0.8 billion in 2021 and is projected to reach $1.3 billion by 2031, growing at a CAGR of 5.0% from 2022 to 2031.

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https://www.alliedmarketresearch.com/request-sample/A31641

Market Drivers and Opportunities:

A notable surge in the use of silica sol for tire production in the automotive industry is a key growth driver. However, the high production cost of silica sol continues to challenge market expansion. On a positive note, the rising inclination toward sustainable and green coatings is opening up new avenues for industry players.

Segment Highlights:-

By Application:

- The catalyst segment held the largest market share in 2021, accounting for more than onefourth of global revenue. Catalysts are essential for energy production and pollution control, playing a vital role in industrial processes.

- Meanwhile, the others segment which includes applications such as investment casting is expected to register the fastest growth, with a CAGR of 5.8% during the forecast period.

By End-Use Industry:

- The chemicals segment dominated the market in 2021, contributing over one-fifth of the total market share. Silica sol's extensive use in grouting and chemical processing supports its dominance.

- However, the others segment is expected to grow at the highest CAGR of 7.2%, driven by increasing application in construction materials like cement, mortars, and asphalt for improved strength and durability.

Regional Insights:

Asia-Pacific led the global silica sol market in 2021, generating nearly 50% of the total revenue. The region is also projected to register the fastest growth, with a CAGR of 5.9% through 2031. The expanding semiconductor manufacturing industry in countries like China, South Korea, and Taiwan is a key contributor to this growth.

Key Market Players:

- AMS Applied Material Solutions
- Cabot Corporation
- ADEKA Corporation
- W. R. Grace & Co.-Conn
- Ecolab Inc.
- Evonik Industries AG
- Gelest, Inc.
- Merck KGaA
- Nissan Chemical Corporation
- Sterling Chemicals

These companies are adopting strategies such as product innovation, geographical expansion, and strategic partnerships to strengthen their market position and meet growing global demand.

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