

Global Sol-Gel Coatings Market by Manufacturers, Countries, Type and Application, Forecast to 2023

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Abstracts

A sol is a dispersion of the solid particles (~ 0.1-1 ?m) in a liquid where only the Brownian motions suspend the particles. A gel is a state where both liquid and solid are dispersed in each other, which presents a solid network containing liquid components. The sol-gel coating process usually consists of 4 steps:

- (1) The desired colloidal particles once dispersed in a liquid to form a sol.
- (2) The deposition of sol solution produces the coatings on the substrates by spraying, dipping or spinning.
- (3) The particles in sol are polymerized through the removal of the stabilizing components and produce a gel in a state of a continuous network.
- (4) The final heat treatments pyrolyze the remaining organic or inorganic components and form an amorphous or crystalline coating.

SCOPE OF THE REPORT:

This report focuses on the Sol-Gel Coatings in global market, especially in North America, Europe, Asia-Pacific, South America, Middle East and Africa. This report categorizes the market based on manufacturers, regions, types and applications.

Market Segment by Manufacturers, this report covers

3M

BASF SE

Dow



Axalta Coating System
Chase Corporation
Solvay
KISCO
Henkel
MG Chemicals
Electrolube
Fuji Chemical
Nippon Soda
Idemitsu
Mitsubishi Materials
Hong Yi
Market Segment by Regions, regional analysis covers
North America (United States, Canada and Mexico)
Europe (Germany, France, UK, Russia and Italy)
Asia-Pacific (China, Japan, Korea, India and Southeast Asia)
South America (Brazil, Argentina, Colombia)
Middle East and Africa (Saudi Arabia, UAE, Egypt, Nigeria and South Africa)



Market Segment by Type, covers

Resin Coatings

Inorganic Coatings

Market Segment by Applications, can be divided into

Automotive

Construction

Electronics

Consumer Goods

Others

There are 15 Chapters to deeply display the global Sol-Gel Coatings market.

Chapter 1, to describe Sol-Gel Coatings Introduction, product scope, market overview, market opportunities, market risk, market driving force;

Chapter 2, to analyze the top manufacturers of Sol-Gel Coatings, with sales, revenue, and price of Sol-Gel Coatings, in 2016 and 2017;

Chapter 3, to display the competitive situation among the top manufacturers, with sales, revenue and market share in 2016 and 2017;

Chapter 4, to show the global market by regions, with sales, revenue and market share of Sol-Gel Coatings, for each region, from 2013 to 2018;

Chapter 5, 6, 7, 8 and 9, to analyze the key regions, with sales, revenue and market share by key countries in these regions;

Chapter 10 and 11, to show the market by type and application, with sales market share and growth rate by type, application, from 2013 to 2018;



Chapter 12, Sol-Gel Coatings market forecast, by regions, type and application, with sales and revenue, from 2018 to 2023;

Chapter 13, 14 and 15, to describe Sol-Gel Coatings sales channel, distributors, traders, dealers, Research Findings and Conclusion, appendix and data source



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