

# **Europe 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 Europe market, especially in Germany, UK, France, Russia, and Italy. This report categorizes the market based on manufacturers, countries, type and application.

Market Segment by Manufacturers, this report covers

3M

**BASF SE** 

Dow

Axalta Coating System





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 17 Chapters to deeply display the Europe Sol-Gel Coatings market.

Chapter 1, to describe Sol-Gel Coatings Introduction, product type and application, market overview, market analysis by countries, market opportunities, market risk, market driving force;

Chapter 2, to analyze the manufacturers of Sol-Gel Coatings, with profile, main business, news, sales, price, revenue and market share in 2016 and 2017;

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

Chapter 4, to show the Europe market by countries, covering Germany, UK, France, Italy and Russia, with sales, price, revenue and market share of Sol-Gel Coatings, for each country, from 2013 to 2018;

Chapter 5 and 6, to show the market by type and application, with sales, price, revenue, market share and growth rate by type and application, from 2013 to 2018;

Chapter 7, 8, 9, 10 and 11, to analyze the key countries by manufacturers, Type and Application, covering Germany, UK, France, Italy and Russia, with sales, revenue and



market share by manufacturers, types and applications;

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

Chapter 13, to analyze the manufacturing cost, key raw materials and manufacturing process etc.

Chapter 14, to analyze the industrial chain, sourcing strategy and downstream end users (buyers);

Chapter 15, to describe Sol-Gel Coatings sales channel, distributors, traders, dealers etc.

Chapter 16 and 17, to describe Sol-Gel Coatings Research Findings and Conclusion, Appendix, methodology and data source



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