

# Global and Regional Sol-Gel Coatings Market Research Report 2017

<https://marketpublishers.com/r/G37BE7C337AEN.html>

Date: November 2017

Pages: 148

Price: US\$ 3,500.00 (Single User License)

ID: G37BE7C337AEN

## Abstracts

### SUMMARY

A sol is a dispersion of the solid particles (~ 0.1-1  $\mu$ 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.

Market Segment as follows:

By Region

Asia-Pacific

North America

Europe

South America

Middle East & Africa

## By Type

Resin Coatings

Inorganic Coatings

## By Application

Automotive

Construction

Electronics

Consumer Goods

Others

## By Company

BASF SE

3M

Dow

Axalta Coating System

Chase Corporation

Solvay

KISCO

Henkel

MG Chemicals

Electrolube

Fuji Chemical

Nippon Soda

Idemitsu

Mitsubishi Materials

Hong Yi

The main contents of the report including:

Section 1:

Product definition, type and application, global and regional market overview;

Section 2:

Global and regional Market competition by company;

Section 3:

Global and regional sales revenue, volume and price by type;

Section 4:

Global and regional sales revenue, volume and price by application;

Section 5:

Regional export and import;

Section 6:

Company information, business overview, sales data and product specifications;

Section 7:

Industry chain and raw materials;

Section 8:

SWOT and Porter's Five Forces;

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