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The Journal of Sol-Gel Science and Technology (JSST) provides an international forum for the dissemination of scientific, technological, and general knowledge about materials processed by chemical nanotechnologies known as the "sol-gel" process.

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This review covers the basics of sol-gel technology and the chemistry of alkoxy silanes, which are the most valuable sol-gel precursors in preparation of sol-gel materials and coatings. Results from early and recent studies are presented showing that sol-gel coatings provide strong corrosion protection for metals.

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L.C. Klein, M. Aparicio, A. Jitianu
□ Handbook of Sol-Gel Science and
Technology; Processing Characterization
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2017 M. Aparicio, A. Jitianu, L.C. Klein
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February, 2012

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In materials science, the sol-gel process is
a method for producing solid materials

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from small molecules. The method is used for the fabrication of metal oxides, especially the oxides of silicon (Si) and titanium (Ti).

~~Sol-gel process - Wikipedia~~

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