

# Self-Heating Materials Market - Forecasts from 2019 to 2024

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## Abstracts

The self-healing materials market is projected to grow at a CAGR of 68.27% during the forecast period, reaching a total market size of US\$8,173.341 million in 2024, from US\$360.006 million. The global self-healing material market is expected to witness surge in demand during the forecast period on account of increasing applications of self-healing materials in various end-user industries. Furthermore, improvement of quality of products along with safety, and longer lifetime is provided by application of self-healing materials of various products will drive the global self-healing materials market growth.

In addition, rise in demand for self-healing materials from various emerging economies is projected during the coming years as infrastructure continues to grow in these nations. Self-healing materials are being widely used in healthcare, automotive, electrical & Electronics, construction, aerospace and others. The electrical & electronics sector is expected to be the most dominant sector as it holds the highest share in the market and is expected to witness the highest growth rate over the forecast period. The growing application of these self-healing materials in the construction and electronics sectors is providing a great opportunity for the market. Various companies, such as LG, have already started using self-healing materials in the production of smartphones. However, fluctuation in raw material prices, and low awareness in various regions will have negative impact on growth of the global self-healing materials market.

## Research Methodology

The report provides brief introduction of the market and deals with detailed research methodology for calculating market size and forecasts, secondary data sources used and the primary inputs which were taken for data validation. This section also outlines various segmentations which have been covered as part of the report.

## Market Dynamics

This section provides comprehensive market dynamics through an overview section along with growth drivers, challenges and opportunities which exist in the current market. This section of the report also provides supplier and industry outlook as a whole; key industry, global and regional regulations which are determining the market growth and a brief technological aspect of self-healing materials. Complete industry analysis has also been covered through Porter's five forces model as a part of this report section.

## Segmentation:

### By Material Type

Concrete

Polymers

Asphalt

Others

### By End-Use Industry

Consumer Electronics

Building and Construction

Transportation

Medical

Others

### By Geography

North America

United States of America

Canada

Others

South America

Brazil

Others

Europe

Germany

France

Others

Middle East and Africa

Asia Pacific

China

Japan

South Korea

Others

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\*The list is not exhaustive

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