

Structural Adhesives, Sealants, and Thermal Materials for EV Batteries - A Global Market Analysis: Focus on Product, Application, and Country Assessment - Analysis and Forecast, 2019-2025

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Abstracts

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Key Questions Answered in this Report:

What are the key drivers and challenges in the global structural adhesives, sealants, and thermal materials market for EV batteries?

How does the supply chain function in the global structural adhesives, sealants, and thermal materials market for EV batteries?

What is the impact of COVID-19 on the global structural adhesives, sealants, and thermal materials market for EV batteries supply chain?

Which EV adhesives and sealants segment is expected to witness the maximum demand growth in the global structural adhesives, sealants, and thermal materials market for EV batteries during the forecast period 2020-2025?

Which key application areas for which different adhesive, sealant, and thermal material types may experience high demand during the forecasted period?

Which are the key suppliers of different EV battery adhesives, sealants, and thermal materials?

What are the business and corporate strategies being adopted by manufacturers involved in the global structural adhesives, sealants, and thermal materials market for EV batteries?

Which regions and countries are leading in terms of consumption of global structural adhesives, sealants, and thermal materials market for EV batteries, and which of them are expected to witness high demand growth from 2020 to 2025?

What are the key consumer attributes in various regions for EV adhesives, sealants, and thermal materials market for EV batteries?

How is the market landscape for structural adhesives, sealants, and thermal materials for EV batteries manufacturers expected to be formed for electric vehicles?

Global Structural Adhesives, Sealants, and Thermal Materials Market for EV Batteries Forecast

The global structural adhesives, sealants, and thermal materials market for EV batteries is expected to account for a market volume of 14,593.4 tons by the end of 2025. The market is expected to witness high growth due to the wide adoption of electric vehicles and the rising need for vehicle light-weighting.

Expert Quote

“The global adhesives, sealants, and thermal material market for EV batteries is expected to witness a CAGR of 20.62% during the forecast period. With the rising impetus for vehicle light-weighting, electric vehicle battery manufacturers are investing in structural adhesives and replacing them with mechanical fasteners, which can bring down the overall vehicle weight by a significant percentage.”

Impact of COVID-19

The automotive industry, in particular, has borne the brunt of the pandemic, owing to the ongoing lockdown, the decrease in sales, and the impending apprehensions to invest in future ambitious projects. A sharp decline in global automotive trends has been witnessed in the first four months. However, China and the countries in Europe in the

context of EV sales and the sales can pick up the pace from the second half of 2020, as they emerge out of the lockdowns. China aims to further scale up the reduced incentives once again to negate the effect of the pandemic.

Scope of the Global Structural Adhesives, Sealants, and Thermal Materials Market for EV Batteries

The global structural adhesives, sealants, and thermal materials market for EV batteries research provides a detailed perspective on the different types of adhesives, sealants, and thermal materials, their applications, value, and volume estimation, among others. The principal purpose of this market analysis is to examine the adhesives, sealants, and thermal materials industry outlook for EV batteries in terms of factors driving the market, restraints, trends, and opportunities, among others.

The report further considers the market dynamics (drivers, restraints, and opportunities), supply chain analysis, and the detailed product contribution of the key players operating in the market. The global structural adhesives, sealants, and thermal materials market for EV batteries report is a compilation of different segments, including market breakdown by product type, application, region, and country.

Market Segmentation

The global structural adhesives, sealants, and thermal materials market for EV batteries, based on product type, has been segmented into adhesives and sealants and thermal materials. The adhesives and sealants segment is further sub-segmented into epoxy, silicones, polyurethanes, polyacrylates, and others. The thermal materials segment is further segmented into thermal gap pads and liquid gap fillers. The adhesive and sealant segment is expected to maintain its dominance during the forecast period in the global structural adhesives, sealants, and thermal materials market for EV batteries.

The global structural adhesives, sealants, and thermal materials market for EV batteries, by propulsion type, has been segmented into BEVs and HEVs. The BEVs segment dominated the global structural adhesives, sealants, and thermal materials market for EV batteries in 2019 in terms of volume and is expected to maintain its dominance through the forecast period.

Based on the region, the global structural adhesives, sealants, and thermal materials market for EV batteries has been segmented into Asia-Pacific & Japan, Europe, U.K.,

China, North America, and Rest-of-the-World. Each region is segmented into countries. Data for each of these regions and countries is provided by product type and propulsion.

Key Companies in the Global Structural Adhesives, Sealants, and Thermal Materials Market for EV Batteries

The companies profiled in the report are Ashland Global Holdings Inc., DuPont de Nemours, Inc., Sika AG, Huntsman Corporation, H.B. Fuller Company, Henkel AG & Co. KGaA, Dow, Permabond LLC, LORD Corporation, Momentive Performance Materials Inc., Jowat SE, Dymax Corporation, Compagnie de Saint-Gobain S.A., Polytec PT GmbH, and 3M.

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