

Adhesives & Sealants for Handheld Devices Market Insights, Business Growth Stats: Research Report 2017-2023

Adhesives & Sealants for Handheld Devices Market by Sealants (Silicone Sealants), Adhesives (Hot Melt Adhesives), Application (Laptops)- Forecast to 2023

PUNE, MAHARASHTRA, INDIA, July 27, 2017 /EINPresswire.com/ -- Market Overview:

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Adhesives & Sealants for Handheld Devices are used in various application such as laptops, mobile phones, hard disc drives, medical devices, and others. Additionally, the growing demand for the handheld device is a key factor to drive the adhesives & sealants for handheld devices



Key Players in market are Henkel AG & Co. KGaA (Germany), 3M (US), Evonik Industries AG (Germany), Dow Corning Corporation (US), H.B. Fuller (US), Novachem Corporation Ltd. (Europe)”

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market. On the basis of region, the market share of adhesives & sealants for handheld devices is high in Asia Pacific due to huge utilization in growing industry such as laptops, mobile phones, hard disc drives, medical devices, and others. It is also expected to increase at a higher growth rate as compared to other regions such as North America, Europe, Latin America and the Middle East & Africa.

Key Players:

Key players of the global adhesives & sealants for

handheld devices market are Henkel AG & Co. KGaA (Germany), 3M (US), Evonik Industries AG (Germany), Dow Corning Corporation (US), H.B. Fuller (US), Novachem Corporation Ltd. (Europe), Tangent Industries, Inc. (New York), Sika AG (Switzerland), Royal Adhesives & Sealants. (US), AVERY DENNISON CORPORATION. (Netherlands), and others.

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Market Segmentation:

Global adhesives & sealants for handheld devices market is divided into sealants, adhesives, application, and region. On the basis of sealants, the adhesives & sealants for handheld devices market is segmented into silicone sealants, acrylic latex sealants, epoxy sealant, polyurethane sealant, butyl sealant, and others. Among all, silicone sealants give waterproof shield and suitable for internal and external applications in handheld devices. They also give excellent UV resistance and durability, color fastness, and clear grades to handheld devices. Butyl sealants are manufactured from rubber compound with selected fillers and plasticizers. They used to provide excellent air-sealing and weatherproofing properties for lap sealing in handheld devices. This kind of sealant is the best choice in handheld application, where the combination of moisture and cold temperatures would cause the break-down of other sealants. These are permanently pliable, moisture resistant, non-paintable, non-skinning, and non-staining.

On the basis of adhesive, the market is segmented into hot melt adhesives, pressure sensitive adhesives, waterborne adhesives, solvent based adhesives, others. Firstly, hot melt adhesives are humidity resistance adhesives, has flexible viscoelastic bonds to plastic and metal substrates and are applied as a hot liquid melt. These are used in electronic devices such as smartphones, phablets, tablets, smart-watches, smart bands, etc. Silicone hot melt adhesives are mostly unaffected by immersion in most of the liquids which contact with electronic devices. Advantages of using hot melt adhesives in electronic devices are, their speed of bond formation allows for high line speeds, gap filling allows better resistance in part design, suitable for high humidity environments, variety of application methods allows for flexibility of part design bond together impervious surfaces, allowing bonding of two non-porous surfaces, long shelf life without special environment controls, etc.

Pressure sensitive adhesives (PSA) are highly utilized in the assembly of medical devices such as blood glucose monitoring strips, to quickly bond and seal together the various layers of the device. PSAs are also used for attaching products to skin, an insulin pump, such as a surgical drape, a first aid dressing for cuts and bruises, etc. Solvent based adhesives use the chemical reaction caused by mixing two or more components to create a binding glue that hardens as it dries.

On the basis of application, the adhesives & sealants for handheld devices market is segmented into laptops, mobile phones, hard disc drives, medical devices, and others. Increasing disposable income, growing internet penetration, causes leading to higher potential sales of consumer electronics such as smartphones, tablets, laptops, and gaming consoles, as well as adhesives & sealants for these devices. The increasing demand of adhesives & sealants for handheld devices in various industries such as laptops, mobile phones, hard disc drives, medical devices, and others.

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Regional Analysis:

Geographically, Asia Pacific accounts for the largest market share in adhesives & sealants for handheld devices market growth. North America holds the second position for adhesives & sealants for handheld devices market and is another profitable market in terms of value and volume after APAC. UK, Canada, and United Mexican States led the demand for adhesives & sealants for handheld devices in this region. Europe accounted for the third largest share in the global adhesives & sealants for handheld devices market. On the other hand, Latin America, Middle East & Africa is another growing market for adhesives & sealants for handheld devices and likely to show better growth rate over the forecast period.

The study was conducted using an objective combination of primary and secondary information including inputs from key participants in the industry. The report contains a comprehensive market and vendor landscape in addition to a SWOT analysis of key vendors.

About Market Research Future:

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In order to stay updated with technology and work process of the industry, MRFR often plans & conducts meet with the industry experts and industrial visits for its research analyst members.

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