Global Hydrogenated Styrene Block Copolymers Market by Type (Styrene Ethylene Propylene Styrene (SEPS), Styrene Ethylene Butylene Styrene (SEBS)) by Application (Coating, Films, Adhesives, Sealants, and Others), by End Use Industry (Construction, Automotive, Footwear, Chemicals, Healthcare and Others), and by Region till 2023

Hydrogenated Styrene Block Copolymers (HSBC) is highly engineered polymeric material, which is synthesized by hydrogenation of Styrene Block Copolymer (SBC). HSBC is a thermoplastic and elastomeric material. HSBC exhibit high thermo-oxidative and UV-stability. HSBC is typified into two materials depending upon the diene it consist. It include Styrene Ethylene Propylene Styrene (SEPS) and styrene ethylene butylene styrene (SEBS). Both, SEPS and SEBS exhibit properties such as an excellent thermal stability, weather ability, high tensile strength, and transparency. Being a high performance material HSBC could penetrate into many end use industries such as construction, automotive, healthcare, and rubber among others. Its uses includes coating & films, adhesives, sealants, and plasticizers. The consumer products that can be made out of HSBC vary from handle bar of tools to rubber in construction activities. Moreover, HSBC succeeded in penetrating the evolving food industry, where it is extensively used as a thin edible coating and packaging material. The characteristic feature of HSBC such as higher durability and tensile strength prioritized its use in footwear production.

The beneficial properties exhibited by HSBC include its high durability, impact resistance, soft touch, and clarity. Furthermore, its compatibility and recyclability are the major demand pulling factors. On account of its characteristics features possessed by HSBC over its counterparts, it is observed as a major replacement for Polyvinyl chloride. In addition to this, construction activities are tangibly growing all around the world, which is expected to witness rise in demand of HSBC in coming years. Moreover, the lower labor cost in developing countries is adding into the benefits of established end use industries. Most important development happened in favor of HSBC recent years is the approval by Foods and Drugs Administration in U.S. for its use in medical equipment and food coating. However, there are some constraints which need to be taken under consideration. These includes the limit put on its production due to environmental concern of its biodegradability. Nevertheless, the benefits of HSBC are expected to dominate over the restraints which is favorable for its growth over the forecast period.

Global Hydrogenated Styrene Block Copolymer Market Share, by End Use Industries 2016 (%):
Regional Analysis:

The major regions in terms of markets size in the Global HSBC Market are Asia Pacific, North America, and Europe. Other regions include Middle East & Africa, and Latin America, out of which Asia Pacific is the largest market holding over 40% of shares in the global HSBC market. The region has undertaken expansion of its infrastructural projects which is anticipated to propel the demand of HSBC in this region. In addition to construction, automotive industries in this region is pulling the maximum demand in diverse applications. The rise of both construction and automotive industry in this region is projected to continue to pull the demand of HSBC in this region. Following Asia Pacific, North America is the second most significant market for HSBC. Reconstruction activities and demand from automotive industry are driving the growth of regional HSBC market. Major demand of HSBC in the transportation sector in this region accounted by aircraft industry. Europe is another substantial market in the Global HSBC Market. Demand of the materials produced from HSBC is majorly used in automotive industry for interiors of luxury cars. Apart from that the healthcare industries have started the use of HSBC in coatings and elastic components for the hygienic products such as sanitary napkins, and diapers. Other regions in the global HSBC market are Middle East & Africa and Latin America. Among them the market of HSBC in Middle East & Africa is estimated to grow healthier owing to high investment potential and raw materials availability. Latin America has little share in global HSBC market which is expected to witness steady changes in coming years.

Segmentation:

The Global Hydrogenated Styrene Block Copolymer Market is segmented on the basis of type, application, end use industry, and region. Based on type the market is segmented into Styrene Ethylene Propylene Styrene (SEPS) and Styrene Ethylene Butylene Styrene (SEBS), wherein SEBS has comparatively deeper penetration into numerous end use industries. On the basis of applications the global HSBC market is divide into coating, films, adhesives, sealants, and others, in which HSBC are majorly used as coatings and adhesives. Based on end use industry the market is segmented into construction, automotive, footwear, chemicals, healthcare and others. Geographically, the global HSBC market is segmented into Asia Pacific, North America, Europe, Middle East & Africa, and Latin America. Among them Asia Pacific is estimated to grow at highest CAGR over the forecasted period.

Key Players:

Key players in the Global Hydrogenated Styrene Block Copolymer are Kraton Corporation (Japan), China Petrochemical Corporation (China), LYC GROUP (Taiwan), Grupo Dynasol (U.S.), The Hexpol group of companies (U.K.), Teknor Apex (U.S.), and others.

Intended Audience:

- Hydrogenated Styrene Block Copolymer
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