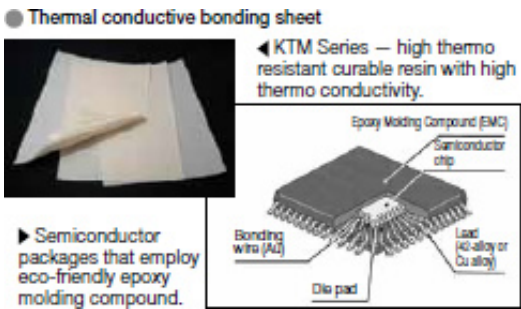


# Each Department's Initiatives

The Nippon Kayaku Group adopted a corporate slogan called Global “sukima” ideas. We are striving to develop Nippon Kayaku into a company that the world truly needs, by accumulating unique technologies that stand out in niche markets and elsewhere. Here, we introduce four of our core businesses to show readers some of the ways in which our products are used on a daily basis.

## Functional Chemicals Business

Nippon Kayaku Group's technology is being used in the semiconductors and other components of electrical products such as cell phones, smartphones, PCs, etc. In addition, efforts are being dedicated to developing next-generation environmentally friendly products and products related to energy efficiency.

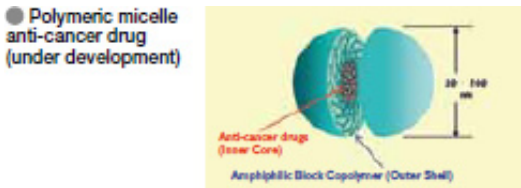


Thermal conductive bonding sheet

Functional Chemicals Group

## Pharmaceuticals Business

In a fusion of the small molecule synthesis technology of pharmaceuticals and the polymeric technology of resins, Nippon Kayaku Group's technology is also being used in the formulation of a polymeric micelle anticancer drug that is currently under development.

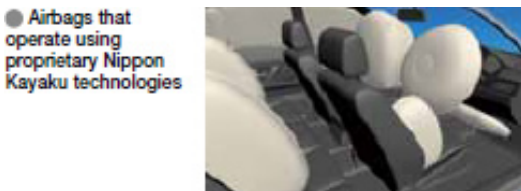


Polymeric micelle anti-cancer drug(under development)

Pharmaceuticals Group

## Safety Systems Business

Nippon Kayaku Group's technology is also used in automobile safety components that are deployed during an accident. These components are found in airbags to protect passengers from an unexpected traffic accident, seatbelt pre-tensioners, and pop-up engine hoods designed to lessen the impact of a collision with a pedestrian.



Airbags that operate using proprietary Nippon Kayaku technologies

Safety Systems Group

## Agrochemicals Business

Agrochemicals work to protect crops from pests and weeds, as well as to lighten the labor involved in agriculture. Nippon Kayaku Group's technology is being put to use in these agrochemicals that assist in growing our food.



Leaf Guard – effective against major insects on Welsh onions and cabbage.

Agrochemicals Business

## Research and Development

We constantly strive to create new business ventures for the future. One example of this is our focus on the development of dye-sensitized solar cells using our proprietary dye technologies in order to help make society more environmentally-friendly.



[Click here to learn more about our research laboratories](#)