



Anti-bacterial plaster made of recycled waste

Scientists at the Nanyang Technological University, in Singapore, have developed a gel 'bandage' made from waste — durian fruit and glycerol from soap manufacture — which they say offers an environmentally friendly and safe way to treat wounds

The product is made by processing durian husk, which is usually discarded, with baker's yeast (which is antimicrobial) to form a hydrogel patch. These are used for wounds as their high water content promotes healing.

The journal ACS Sustainable Chemistry & Engineering reports that the gel created is similar to silicon sheets, that can be cut to size.