

Press Release

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New Medical Grade Epoxy Adhesive

Panacol adds epoxy-based adhesive Structalit® 8801 to its portfolio of medical grade adhesives. The biocompatible adhesive was specially designed for bonding temperature-sensitive substrates as it cures quickly at low temperatures.

Structalit® 8801 is a single-component adhesive based on epoxy resin. Due to its viscosity characteristics it is perfectly suited as a potting or filling material. The beige-coloured adhesive possesses high chemical resistance against common cleaning agents used for medical devices, including isopropyl alcohol. It develops high bond strength with ceramics, metals and many plastics. For example, Structalit® 8801 is successfully being used as a potting compound for sensors in medtech devices.

Structalit® 8801 cures very quickly at low oven temperatures. At 100°C this adhesive will fully cure in only a few minutes.

For applications in medical devices Structalit® 8801 is certified according to ISO 10993-5 standards. The adhesive is 100% solvent free and compatible with common sterilization processes such as autoclaving, gamma irradiation, E-beam and EtO.

About Panacol:

Panacol-Elosol GmbH, a member of the global Hoenle group, is an international supplier of adhesives with a broad product range that includes UV curable adhesives, structural adhesives, and conductive adhesives. Panacol is also a reliable provider of UV processing systems, supported by Dr. Hoenle AG. Hoenle is a global technology leader and manufacturer of industrial UV curing devices and systems.