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# Polyethylene Glycol Polymer Surgical Sealant

National Cancer Institute

## Source

National Cancer Institute. *Polyethylene Glycol Polymer Surgical Sealant*. NCI Thesaurus. Code C116878.

A resorbable hydrogel-based formulation containing synthetic, derivatized polyethylene glycol (PEG) polymers, with anti-adhesion activity upon wound application during surgery. Upon application of the PEG polymer surgical sealant to the wound during surgery using a spray, the PEG polymers polymerize and adhere to the wound tissue, thereby forming a protective barrier. This prevents post-operative adhesion formation.