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(54) Title: CARRIER WITH SOLID FIBRINOGEN AND SOLID THROMBIN

(57) Abstract: The present invention relates to a solid composition useful for tissue gluing, tissue sealing and haemostasis consisting essentially of a) a carrier which has at least one of the following physical properties: elasticity module in the range of 5-100 N/cm, density of 1-10 mg/cm³, chamber diameter of more than 0.75 mm and less than 4 mm and/or having a chamber diameter average below 3 mm and evenly distributed and fixed upon said carrier, b) solid fibrinogen, and c) solid thrombin. The carrier is a biodegradable polymer such as a polyhyaluronic acid, polyhydroxy acid, e.g. lactic acid, glucolic acid, hydroxybutanoic acid, a cellulose, gelatine or collagen, such as a collagen sponge, e.g. a collagen sponge consisting essentially of collagen type I fibres. The fibrinogen and thrombin are preferably human, purified from a natural source, or transgenic or recombinant human fibrinogen and/or thrombin. In a preferred embodiment the composition does not comprise any antifibrinolytic agent such as aprotinin, ε-aminocaproic acid or α2-antiplasmin.