

United States Patent [19]

Kawaguchi

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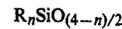
- [54] **MEDICAL SEALANT FOR SKIN**
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- [52] **U.S. Cl.** **428/447; 428/40; 428/60; 524/432; 524/588; 524/783; 524/858; 524/859; 524/860; 524/862; 528/15; 528/18; 528/24; 528/31; 528/32; 528/33; 528/34; 528/901**
- [58] **Field of Search** 528/24, 18, 34, 901, 528/15, 31, 32, 33; 524/432, 588, 783, 858, 859, 860, 862; 428/447, 40, 60
- [56] **References Cited**
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[57] **ABSTRACT**

This invention relates to a medical sealant comprising polyorganosiloxane gel for sealing a junction part between living skin and a medical instrument penetrating through the skin, said polyorganosiloxane gel having a partially cross-linked three dimensional structure expressed by the basis general formula of



(wherein R represents hydrogen or monovalent hydrocarbonyl group and n represents an integer of 1 to 3), characterized in that said gel self-supports its figure at room temperature and has a hardness expressed by a loading weight of 1 g to 250 g by which a disc of a diameter of 10 mm sinks to 1.0 mm on the gel.

11 Claims, 4 Drawing Figures