United States Patent [19]

Jevne et al.

[11] **Patent Number: 4,593,053**

[45] **Date of Patent: Jun. 3, 1986**

[54] **HYDROPHILIC PRESSURE SENSITIVE BIOMEDICAL ADHESIVE COMPOSITION**

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[21] Appl. No.: **679,653**

[22] Filed: **Dec. 7, 1984**

[51] **Int. Cl.**[4] **A61K 9/70**; A61K 31/79

[52] **U.S. Cl.** **523/111**; 523/105; 524/503; 424/80; 514/944

[58] **Field of Search** 523/111, 105; 524/503; 424/80; 514/944

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[57] **ABSTRACT**

Novel, hydrophilic, skin-compatible, pressure sensitive, solid, adhesive gel hydrogel composition comprising 25 to 50 weight percent polyvinyl pyrolidone (PVP) preferably having a molecular weight in the range of about 100,000 to 600,000, 2 to 5 weight percent polyvinyl alcohol (PVA) preferably having a molecular weight in the range of about 150,000 to 300,000, about 5 to about 40 weight percent humectant, about 3 to about 50 weight percent water, about 0 to about 50 weight percent of an ionic species. In a preferred aspect, the composition of the invention is utilized in an iontophoresis device to provide a hydrophilic gel matrix from which a drug is iontophoretically delivered.

11 Claims, No Drawings