BIOADHESIVE TREATMENT COMPOSITIONS AND METHODS OF USE

ABSTRACT

A composition comprising a dispersion of a bioadhesive containing polyvinyl pyrrolidone and a carboxy-functional polymer, and water is disclosed. The pH of the composition is controlled, preferably to about 6.0 or less, so that the bioadhesive is in a water-insoluble form. The bioadhesive is capable of binding water and other suitable ingredients, such as cosmetic or medicinal agents, to a mucosal membrane or the skin. If it is desirable to remove the composition, it may be washed away with ordinary tap water. Upon contact with tap water, the bioadhesive becomes water-soluble and loses its adhesive characteristics. A method of adhering the composition to the surface of a mucosal membrane or the skin is also disclosed.

(Figure 2)