

ABSTRACT

In the preferred embodiment of the present invention, a patch of dissolving microneedles loaded with active ingredients to be applied to skin for treating skin conditions is provided. As seen in Fig. 1, the dissolving microneedle patch **10** comprises a substrate **12** and a plurality of microneedles **14** which extends from the substrate. The dissolving microneedle patch **10** is made of a matrix material and at least one active ingredient such as a corticosteroid, namely triamcinolone (TAC). The matrix material is made of bio-compatible materials such as hyaluronic acid (HA), polyvinylpyrrolidone (PVP), or mixture of them, which dissolve rapidly when they are in contact with the inner skin. The active ingredient is loaded onto individual patches with the desirable dosage ranging from 0.01mg - 1.0mg.