

POLYMERS AND PLASTICIZERS USED IN TRANSDERMAL DRUG DELIVERY: AN OVERVIEW

D. VASUDHA, M. RAMA DEVI, M. SAI SUHASINI, N. ANUSHA, P. NIRANJAN & BHAVANI BODDEDA

Vignan institute of Pharmaceutical Technology, Duvvada, Visakhapatnam, Andhra Pradesh, India

ABSTRACT

The use of polymers for skin preparations is manifold. Advances in transdermal delivery systems and the technology involved have been rapid because of the sophistication of polymer science which now allows incorporation of polymeric additives in transdermal systems in adequate quantity. Polymer selection and design are of prime importance in formulating various criteria of new transdermal systems. In this review paper, typical polymers and plasticizers in topical drug formulations and their usefulness is discussed.

KEYWORDS: Backing Membrane Polymers, Plasticizers, Transdermal System