

COMPOSITE SEPARATION MEMBRANE

ABSTRACT

In order to obtain a composite separation membrane which has excellent chemical resistance, separation performance and water permeability at the same time, the present invention provides a composite separation membrane comprising a separation function layer on a porous supporting membrane, characterized in that the separation function layer contains at least a polymer of a polyhedral silsesquioxane represented by the following general formula (a) and a hydrophilic monomer.



(In the formula, R^1 includes a polymerizable reactive moiety; R^2 represents a hydrogen atom or an alkyl group, which may be substituted; and n and m each represent an integer satisfying $n \geq 2$ or $m \geq 0$, with $n + m$ being 8, 10 or 12.)

(NO SUITABLE FIGURE)