CLAIMS

1. A tissue restoration composition in colloidal phase, comprising a copolymer in which a hydrophobic biocompatible polymer and a hydrophilic biocompatible polymer are polymerized and which is dispersed in water,

wherein the colloidal phase is prepared by adding the copolymer to water, followed by heating to a temperature between a melting point of the copolymer and a boiling point of the water,

wherein the concentration of the copolymer in a colloidal solution is 10-50 wt%,

wherein the colloidal phase has no change or an increase in turbidity when water is added,

wherein the colloidal phase has a viscosity of26.4-188404.6cP,

wherein the tissue is repaired by inducing collagen through injection of the composition into the body

wherein the hydrophobic biocompatible polymer is at least any one polymer selected from the group consisting of polyglycolic acid, polycaprolactone, poly lactic acid, polydioxanone, poly(trimethylene carbonate), polyhydroxybutyrate, and a copolymer including the same,

wherein the hydrophilic biocompatible polymer is at least any one polymer selected from the group consisting of methoxy polyethylene glycol, dihydroxy polyethylene glycol, mono-alkoxy polyethylene glycol, and polyethylene glycol,

wherein the hydrophilic biocompatible polymer is 100-50,000 g/mol,

wherein the hydrophobic biocompatible polymer is 500-

70,000 g/mol,

wherein the copolymer is 600-120,000 g/mol.

2. The tissue restoration composition of claim 1, wherein the composition has a range of K factor represented by the following equation 1 is 0.01-5:

<Equation 1>

$K=(m_{100}*M_h^2*10)/(M_l*HLB^2)$

where m_{100} is the number of moles of polymers in 100 g of an aqueous solution, M_h is the molecular weight of a hydrophilic part, M_l is the molecular weight of a hydrophobic part, and HLB is represented by the following equation 2,

<Equation 2>

$HLB=20*M_h/M$

where M_h is the molecular weight of the hydrophilic part, and M is the total molecular weight.

3. The tissue restoration composition of claim 2, wherein the value of HLB is 0.1-20 in the equation 2.

4. The tissue restoration composition of claim 1, wherein the bonding structure of the copolymer comprises the structure of the following formula 1, formula 2, or formula 3:

[Formula 1]

X-Y

[Formula 2]

Y-X-Y

[Formula 3]

X-Y-X

where X is the hydrophilic biocompatible polymer, and Y is the hydrophobic biocompatible polymer.