CLAIMS

1. An eco-friendly adhesive composition, comprising:

a saccharide compound;

a polyol compound; and

a solvent for dispersing the saccharide compound and the polyol compound,

wherein the saccharide compound is a polysaccharide, and the polysaccharide is at least one selected from the group consisting of sucrose, maltose, lactose, trehalose, turanose, cellobiose, raffinose, melezitose, maltotriose, acarbose, stachyose, fructooligosaccharide, galactooligosaccharide, cellulose, dextrin, and glycogen;

wherein the polyol compound is a mixture of 1,2-hexanediol, glycerin and ethylhexylglycerin;

wherein the solvent is water;

wherein the adhesive composition includes 50 to 70% by weight of the saccharide compound, 5 to 15% by weight of the polyol compound, and a balance of the solvent.

2. The eco-friendly adhesive composition according to claim 1, wherein the polysaccharide is dextrin.

3. An eco-friendly adhesive produced from the adhesive composition according to claim 1 or claim 2.

4. The eco-friendly adhesive of claim 3, wherein the eco-friendly adhesive is in the form of hydrogels, mats, films or patches.

5. A method for producing an eco-friendly adhesive composition according to claim 1 or claim 2, the method for producing the adhesive composition comprising:

S1) adding the saccharide compound to the solvent and stirring to form a mixture; and

S2) mixing the polyol compound with the first mixture to form the adhesive composition,

wherein the adhesive composition includes 50 to 70% by weight of the saccharide compound, 5 to 15% by weight of the polyol compound, and a balance of the solvent.