CLAIMS

1. A wax composition for use as encaustic medium comprising:

a palm oil-based wax mixture in an amount of 1 to 69 % by weight of total wax composition, in which the wax mixture comprises at least partially saturated fatty acid in an amount of 60 to 99.8 % by weight of total wax mixture; fatty alcohol in an amount of 0.1 to 20% by weight of total wax mixture; and glyceride in an amount of 0.1 to 20% by weight of total mixture;

a non-palm oil-based wax in an amount of 25 to 98.5 % by weight of total wax composition; and

a resin in an amount of 0.5 to 50% by weight of total wax composition.

2. A wax composition according to claim 1 further comprises one or more pigment or dye dispersed or dissolved therein.

3. A wax composition according to claim 2, wherein the dispersed pigment or dye has an average particle size of 0.01 μm to 2 mm.

4. A wax composition according to claim 1 or 2, wherein the palm oil-based wax mixture is derived from at least partially hydrogenated palm oil having iodine value of less than 1.

5. A wax composition according to claim 1 or 2, wherein the non-palm oil-based wax is one or more of soy wax, canola wax, candelilla wax, carnauba wax, sunflower wax, maize wax, rice bran wax, jojoba wax, ouricury wax, sugar cane wax and coconut wax.

6. A wax composition according to claim 1 or 2, wherein the resin is one or more of rosin, damar resin and amber.