WHAT IS CLAIMED IS:

1. A composition for waterproofing paper, comprising:

a first plant-derived wax having a melting point above 70 °C;

a second plant-derived wax having a melting point above 70 °C;

a surfactant; and

at least 99.6% by weight of the composition is formed by plant-derived waxes including at least said first plant-derived wax and said second plant-derived wax, and a group of surfactants including at least said surfactant.

2. The composition according to claim 1, wherein said first plant-derived wax is sugarcane wax.

3. The composition according to claim 1, wherein said first plant-derived wax is rice-bran wax.

4. The composition according to claim 1, wherein:

said first plant-derived wax is sugarcane wax; and

said second plant-derived wax is rice bran wax.

5. The composition according to claim 1, wherein said surfactant is a food-grade surfactant.

6. The composition according to claim 1, wherein said surfactant is an anionic surfactant.

7. The composition according to claim 1, wherein said surfactant is calcium stearate.

8. The composition according to claim 2, wherein said sugarcane wax forms at least four percent of the composition by volume.

9. A composition for waterproofing paper, comprising:

sugarcane wax; and

a second plant-derived wax having a melting point above 70 °C; said sugarcane wax forming 4.6 % of the composition by volume.

10. The composition according to claim 7, wherein said calcium stearate forms at least 0.4 % of the composition by volume.

11. The composition according to claim 1, wherein at least one of said first plant-derived wax and said second plant-derived wax includes a wax having an alcohol of a hydrocarbon with a chain length of at least eighteen carbon atoms and no more than thirty-two carbon atoms.

12. The composition according to claim 11, wherein said wax having an alcohol of a hydrocarbon with a chain length of at least eighteen carbon atoms and no more than thirty-two carbon atoms forms about seventy percent of a weight of all alcohols in said wax.

13. A pellet for use in a PET pellet machine, comprising:

a pellet having a size with a five-millimeter diameter;

said pellet including:

a plant-derived wax having a melting point above 70 °C,

a second plant-derived wax having a melting point above 70 °C, and

a surfactant,

at least 99.6% by weight of the composition is formed by plant-derived waxes including at least said first plant-derived wax and said second plant-derived wax, and a group of surfactants including at least said surfactant.

14. Pellets of a composition for waterproofing paper made according to a method, which comprises:

grinding a first plant derived wax having a melting point above 70 °C;

grinding a second plant derived wax having a melting point above 70 °C;

grinding a surfactant;

mixing said first plant derived wax, said second plant derived wax, and said surfactant into a mixture after grinding, at least 99.6% by weight of the mixture being formed by plant-derived waxes including at least said first plant-derived wax and said second plant-derived wax, and a group of surfactants including at least said surfactant;

extruding said mixture; and

chopping said mixture after extruding into pellets.

15. A waterproof laminate, comprising:

a cellulose-based product having a first surface for facing a liquid and a second surface opposing said first surface; and

a layer of the composition according to claim 1 for waterproofing said cellulose-based product, said layer being disposed over said first surface.

16. The waterproof laminate according to claim 15, wherein said cellulose-based product is paper.

17. A cup for holding a hot liquid, comprising:

an enclosed wall made of paper, said wall having an inner surface for facing the hot liquid;

a bottom made of paper, said bottom being seated within said wall and having a top surface for contacting the hot liquid; and

a layer of the composition according to claim 1, said layer being disposed over said inner surface and said top surface of said bottom.

18. A pod for making a hot beverage, comprising:

the cup according to claim 17; and

a filter being connected to said wall to create a chamber for holding grounds within the cup above said filter, said filter being permeable to liquids and impermeable to the grounds.

19. The pod according to claim 18, further comprising a top being configured to be pierced by an injector, said top covering said cup;

said wall being rigid enough not to collapse when the injector pierces said top and a drain pierces said bottom.

20. A straw for drinking beverages, comprising:

a tube of paper having an inner surface; and

a layer of the composition according to claim 1 being disposed over said inner surface.