WHAT IS CLAIMED IS:

1. A composition for waterproofing paper, comprising:

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

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 ~~C~~claim 1, wherein said first plant-derived wax is sugarcane wax.

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

4. The composition according to ~~C~~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, further comprising a surfactant.~~

~~6~~5. The composition according to ~~C~~claim 1, wherein said surfactant is a food-grade surfactant.

~~7~~6. The composition according to ~~C~~claim 1, wherein said surfactant is an anionic surfactant.

~~8~~7. The composition according to ~~C~~claim ~~5~~1, wherein said surfactant is calcium stearate.

~~9. The composition according to Claim 5, wherein 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.~~

~~10~~8. The composition according to ~~C~~claim 2, wherein said sugarcane wax forms at least four percent of the composition by volume.

~~11~~9. ~~The~~ A composition for waterproofing paper, comprising:

sugarcane wax; and

a second plant-derived wax having a melting point above 70 °C; ~~according to Claim 10, wherein~~ said sugarcane wax forming~~s~~ 4.6 % of the composition by volume.

~~12~~10. The composition according to ~~C~~claim ~~8~~7, wherein said calcium stearate forms at least 0.4 % of the composition by volume.

~~13~~11. The composition according to ~~C~~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.

~~14~~12. The composition according to ~~C~~claim ~~13~~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.

~~15~~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.

~~16. The pellet according to Claim 15, wherein said pellet includes a further plant-derived wax having a melting point above 70 °C.~~

~~17. The pellet according to Claim 15, wherein said pellet includes a surfactant.~~

~~18~~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 ~~rice bran~~ wax, said second plant derived ~~sugarcane~~ wax, and said surfactant ~~calcium stearate~~ 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.

~~19~~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 ~~C~~claim 1 for waterproofing said cellulose-based product, said layer being disposed over said first surface.

~~20~~16. The waterproof laminate according to ~~C~~claim ~~19~~15, wherein said cellulose-based product is paper.

~~21~~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 ~~C~~claim 1, said layer being disposed over said inner surface and said top surface of said bottom.

~~22~~18. A pod for making a hot beverage, comprising:

the cup according to ~~C~~claim ~~21~~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.

~~23~~19. The pod according to ~~C~~claim ~~22~~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.

~~24~~20. A straw for drinking beverages, comprising:

a tube of paper having an inner surface; and

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