CLAIMS

1. A porous mass comprising:

a plurality of active particles, a plurality of binder particles, and an active coating disposed on at least a portion of the active particles and the binder particles, wherein the active particles and the binder particles are bound together at a plurality of contact points, and wherein the plurality of active particles comprise iodine pentoxide and the active coating comprises triacetin.

2. A filter comprising the porous mass of claim 1 and a filter section.

3. The filter of claim 2, wherein the filter section comprises at least one selected from the group consisting of a plurality of second active particles, an active dopant, and any combination thereof.

4. The filter of claim 3, wherein the active dopant comprises at least one selected from the group consisting of triacetin, malic acid, potassium carbonate, citric acid, tartaric acid, lactic acid, ascorbic acid, polyethyleneimine, cyclodextrin, sodium hydroxide, sulphamic acid, sodium sulphamate, polyvinyl acetate, carboxylated acrylate, liquid amines, vitamin E, triethyl citrate, acetyl triethyl citrate, tributyl citrate acetyl tributyl citrate, acetyl tri-2-ethylhexyl, a non-ionic surfactant, polyoxyethylene (POE) compounds, POE (4) lauryl ether, POE 20 sorbitan monolaurate, POE (4) sorbitan monolaurate, POE (6) sorbitol, POE (20) C_{16}, C_{10}-C_{13} phosphates, and any combination thereof.

5. The filter of claim 3, wherein the active dopant is present in an amount of about 3% to about 15%.

6. The filter of claim 2, wherein the filter has an encapsulated pressure drop of about 0.1 mm of water per mm of length to about 20 mm of water per mm of length.

7. A smoking device comprising a filter of claim 2 in fluid communication with a smokeable substance.

8. A filter comprising:

a porous mass section comprising a plurality of active particles and a plurality of binder particles, wherein the active particles and the binder particles are bound together at a plurality of contact points without an adhesive, and wherein the plurality of active particles comprise iodine pentoxide; and

a filter section comprising an active dopant comprising triacetin.

9. The filter of claim 8, wherein the active dopant further comprises at least one selected from the group consisting of malic acid, potassium carbonate, citric acid, tartaric acid, lactic acid, ascorbic acid, polyethyleneimine, cyclodextrin, sodium hydroxide, sulphamic acid, sodium sulphamate, polyvinyl acetate, carboxylated acrylate, liquid amines, vitamin E, triethyl citrate, acetyl triethyl citrate, tributyl citrate acetyl tributyl citrate, acetyl tri-2-ethylhexyl, a non-ionic surfactant, polyoxyethylene (POE) compounds, POE (4) lauryl ether, POE 20 sorbitan monolaurate, POE (4) sorbitan monolaurate, POE (6) sorbitol, POE (20) C_{16}, C_{10}-C_{13} phosphates, and any combination thereof.

10. The filter of claim 8, wherein the filter has an encapsulated pressure drop of about 0.1 mm of water per mm of length to about 20 mm of water per mm of length.

11. A smoking device comprising the filter of claim 8 in fluid communication with a smokeable substance.