It would be desirable to improve the smoking article taste uniformity and storage stability of flavourings added to the tobacco substrate (tobacco rod or aerosol generating substrate).

Flavour delivery systems of the invention described herein can be utilized in conventional combustion smoking articles or in the aerosol generating substrate of aerosol generating smoking articles. The flavour delivery systems can provide a predictable and stable sustained release of flavour to smoking articles. This is especially useful when combined with aerosol generating substrates that are heated during production of the aerosol generating substrate.

In one aspect, there is provided a flavour delivery system for tobacco comprising: a flavour material entrained in a zeolite material and forming a core; and a wax material surrounding the core and forming an encapsulated flavour particle.

Another aspect relates to a smoking composition comprising tobacco material and the flavour delivery system described herein.

Another aspect relates to a method of forming a smoking composition comprising: combining tobacco material with the flavour delivery system described herein to form a tobacco mixture; and heating the tobacco mixture to form the smoking composition.

Another aspect relates to the use of a flavour delivery system as described herein in a smoking composition as disclosed herein to replace or enhance tobacco flavour notes.

As described herein, a flavour delivery system for tobacco includes a flavour material entrained in a zeolite and encapsulated in wax. Preferably the wax material has a melting point of about 100 degrees centigrade or greater. The flavour material can be a hydrophobic liquid. The zeolite material can be hydrophobic. Smoking compositions include the flavour delivery system and tobacco. Preferably the tobacco is a homogenized tobacco or cast leaf tobacco.

Various aspects of the flavour delivery system described herein may have one or more advantages relative to standard tobacco compositions. For example, the flavour delivery systems provide an enhanced flavour experience relative to tobacco compositions that do not include the flavour delivery system. The wax material and the zeolite material do not contribute to or change the flavour notes of the tobacco composition. The wax materials encapsulate the flavour entrained zeolite core to protect the flavour material during manufacture and storage of a smoking article that includes these tobacco compositions, while predictably releasing the flavour material during the consumption of the smoking article. Combining the flavour delivery system with tobacco material to form the tobacco composition also provides a uniform distribution of flavour material throughout the tobacco composition. The flavour delivery systems can replace or enhance the tobacco flavour notes that have been modified during the production of the

aerosol generating substrate. In addition, the wax coating or shell surrounding or encapsulating the flavour entrained zeolite core can be a sacrificial layer that can operate as a thermal heat sink further protecting the core from releasing the flavour material during the manufacture or storage of the tobacco composition. Additional advantages of one or more aspects flavour delivery system described herein will be evident to those of skill in the art upon reading and understanding the present disclosure.

The term "wax material" refers to natural or synthetic wax products that are hydrophobic and can convert to a melt-liquid state (dropping point) at temperatures below 200 degrees centigrade and are virtually free of ash forming compounds.