CLAIMS

1. A composition comprising:
   a) a self-assembling peptide of SEQ ID NO: 6 (P11-4) that is in predominantly monomeric form, and
   b) a dental sealant that is a glass-ionomer cement-based sealant selected from the group comprising glass-ionomer cements and resin-modified glass-ionomer cements.

2. A kit comprising, in separate form,
   a) a self-assembling peptide, and
   b) a dental agent that is a glass-ionomer cement-based dental sealant selected from the group comprising glass-ionomer cements and resin-modified glass-ionomer cements.

   wherein the self-assembling peptide and the dental agent are to be mixed before or upon administration.

3. The composition of claim 1 or the kit of claim 2, wherein the dental agent is capable of releasing fluoride ions, wherein, preferably, the dental agent is also capable of releasing calcium ions.

4. The composition of any of the claim 1 or 3 or the kit of any of claims 2-3, wherein the dental agent is permeable for and to ions.

5. The composition of any of claims 1 or 3-4 or the kit of any of claims 2-4 for use in therapy.

6. Use of the composition of any of claims 1 or 3-5 or the kit of any of claims 2-5

   in the manufacture of a medicament for the treatment of a cavitated carious lesion for preventing secondary caries after failure of the dental agent .

7. The use of claim 6, wherein the treatment of the carious lesion comprises steps of
   a) cleaning of the tooth surface,
   b) optionally, drying of the tooth surface,
   c) optionally, etching the tooth surface,
   d) curing,

   and wherein the composition or the components of the kit is to be administered to the carious lesion.

8. Use of the composition of any of claims 1 or 3-5 or the kit of any of claims 2-5

in the manufacture of a medicament for the treatment or prevention of dental caries.

9. The use of claim 8, wherein the composition or the components of the kit are to be administered to a carious lesion in contact with pulp for pulp capping.

10. The use of any of claims 6 or 8-9, wherein a mixture of the self-assembling peptide and the dental sealant are to be administered to the carious lesion.