

6. The cementitious dental composition of claim 5, wherein said chelating agent is o-ethoxybenzoic acid.

7. The cementitious dental composition of claim 2, further comprising a liquid vanillate ester which serves as said solvent and as said ester of the vanillic acid moiety.

8. The cementitious dental composition of claim 1, wherein said liquid phase consists essentially of about 5% to ethylhexyl syringate, about 7% n-hexyl vanillate and about 88% o-ethoxybenzoic acid.

9. The cementitious dental composition of claim 1, wherein said composition further comprises a polymer.

10. The cementitious dental composition of claim 9, wherein said polymer is present in said composition in an amount between 1 and 20% by weight, based on the weight of said composition.

11. The cementitious dental composition of claim 1, wherein said composition additionally contains a monomer polymerizable by a free radical mechanism, a polymerization initiator and accelerator.

12. The cementitious dental composition of claim 3, wherein said liquid phase further comprises o-ethoxybenzoic acid, an inhibited methacrylate monomer, an initiator and accelerator, and said solid phase comprises a powder containing zinc oxide and aluminum oxide and hydrogenated rosin.

13. The cementitious dental composition of claim 12, wherein said inhibited methacrylate monomer is a mono-methacrylate.

14. The cementitious dental composition of claim 12, wherein said inhibited methacrylate monomer comprises a high molecular weight monomer of low volatility.

15. The cementitious dental composition of claim 12, wherein said liquid phase comprises up to one part of mixture of said vanillate ester with said o-ethoxybenzoic acid to one part of said inhibited methacrylate monomer; and said solid phase comprises approximately one part of a mixture of said zinc oxide with said aluminum oxide and said hydrogenated rosin, to one part of said silanized glass powder.

16. The cementitious dental composition of claim 14 wherein said inhibited methacrylate monomer is cyclohexyl methacrylate or dicyclopentenloxyethyl methacrylate with or without a monomeric diluent.

17. The cementitious dental composition of claim 12 wherein said accelerator is a tertiary aromatic amine containing no acetic groups such as N,N-dihydroxyethyl-p-toluidine or a dialkylaminophenylacetic acid ester.

18. The cementitious dental composition of claim 1, wherein said liquid phase contains about 10-30% n-hexyl syringate and about 90-70% o-ethoxybenzoic acid.

19. A restored dental element comprised of porcelain or porcelain to metal cemented together by the composition of claim 1.

20. A cementitious dental composition comprising a solid phase which includes a metal oxide or hydroxide of a Group II metal or tin and a liquid phase which includes a chelating compound, said chelating compound comprising a syringic acid ester in an amount sufficient to inhibit caries formation.

21. The cementitious dental composition of claim 20, further comprising a silanized glass powder as filler.

22. The cementitious dental composition of claim 20, wherein said composition further comprises a polymer.

23. The cementitious dental composition of claim 22, wherein said polymer is present in said composition in an amount between 1 and 20% by weight, based on the weight of said composition.

24. The cementitious dental composition of claim 20, wherein said composition additionally contains a monomer polymerizable by a free radical mechanism, a polymerization initiator and accelerator.

25. The cementitious dental composition of claim 20, wherein said liquid phase consists essentially of about 10-30% n-hexyl syringate and about 90-70% o-ethoxybenzoic acid.

26. A restored dental element of porcelain or porcelain to metal cemented together by the composition of claim 20.

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