Claims

1. A multilayer surface covering comprising at least one layer obtained from a filler-containing PVC plastisol comprising PVC, a filler and a plasticizer composition, and at least one layer obtained from a filler-free PVC plastisol comprising PVC and a plasticizer composition, wherein the plasticizer composition in the filler-containing PVC plastisol and in the filler-free PVC plastisol respectively contains bis(2-ethylhexyl) cyclohexane-1,4-dicarboxylate in a proportion of greater than 50% by weight based on the plasticizer composition.

2. The multilayer surface covering according to claim 1, wherein the PVC in the filler-containing PVC plastisol and in the filler-free PVC plastisol is respectively an emulsion PVC, a (micro)suspension PVC or a mixture of these.

3. The multilayer surface covering according to claim 2, wherein the filler-free PVC plastisol comprises at least an emulsion PVC and a (micro)suspension PVC.

4. The multilayer surface covering according to claim 2, wherein the filler-free PVC plastisol contains the plasticizer composition in a proportion of from 15 to 40 parts by mass per 100 parts by mass of PVC.

5. The multilayer surface covering according to claim 2, wherein the filler-containing PVC plastisol contains the plasticizer composition in a proportion of from 35 to 80 parts by mass per 100 parts by mass of PVC.

6. The multilayer surface covering according to claim 2, wherein the filler-containing PVC plastisol contains the filler in a proportion of from 50 to 200 parts by mass per 100 parts by mass of PVC.

7. The multilayer surface covering according to claim 1, wherein the filler-free PVC plastisol contains the plasticizer composition in a proportion of from 15 to 40 parts by mass per 100 parts by mass of PVC.

8. The multilayer surface covering according to claim 1, wherein the filler-containing PVC plastisol contains the plasticizer composition in a proportion of from 35 to 80 parts by mass per 100 parts by mass of PVC.

9. The multilayer surface covering according to claim 1, wherein the filler-containing PVC plastisol contains the filler in a proportion of from 50 to 200 parts by mass per 100 parts by

mass of PVC.

10. The multilayer surface covering according to claim 1, wherein the multilayer surface covering comprises at least one carrier material that has been coated on one or both sides with said filler-containing PVC plastisol to form said at least one layer obtained from the filler-containing PVC plastisol.

11. The multilayer surface covering according to claim 10, wherein the carrier material consists of a polyester fabric, a glass nonwoven, paper or board.

12. The multilayer surface covering according to claim 1, wherein the multilayer surface covering, on its reverse side, includes a foamed layer obtained from a foamable PVC plastisol.

13. The multilayer surface covering according to claim 7, wherein the foamable PVC plastisol comprises PVC, a plasticizer composition, a filler, a blowing agent and a kicker, and optionally an additive for lowering the viscosity.

14. The multilayer surface covering according to claim 13, comprising said at least one layer obtained from said filler-containing PVC plastisol that comprises PVC, a filler and a plasticizer composition, a carrier material that has been coated on one or both sides with said filler-containing PVC plastisol to form said at least one layer obtained from said filler-containing PVC plastisol, said at least one layer obtained from said filler-free PVC plastisol that comprises PVC and a plasticizer composition being disposed as an upper layer of the multilayer surface covering, and the at least one said foamed layer disposed below said carrier material, wherein the plasticizer composition in each of the PVC plastisols used contains bis (2-ethylhexyl) cyclohexane-1,4-dicarboxylate.

15. The multilayer surface covering according to claim 14, wherein the multilayer surface covering additionally also comprises a scratch-resistant layer that consists of polyurethane or polyacrylate and is transparent.

16. The multilayer surface covering according to claim 14 wherein said at least one layer obtained from said filler-free PVC plastisol is transparent.

17. The multilayer surface covering according to claim 12, wherein the foamed layer obtained from a foamable PVC plastisol contains the filler in a proportion of from 70 to 200 parts by mass per 100 parts by mass of PVC.

18. The multilayer surface covering according to claim 12, wherein the foamed layer obtained from a foamable PVC plastisol contains the plasticizer in a proportion of from 40 to 80 parts by mass per 100 parts by mass of PVC.

19. A floor covering comprising the multilayer surface covering according to claim 1.

20. An imitation leather comprising the multilayer surface covering according to claim 1.

21. A multilayer surface covering comprising:

at least one layer obtained from a filler-containing PVC plastisol comprising PVC, a filler and a plasticizer composition, and
at least one layer obtained from a filler-free PVC plastisol comprising PVC and a plasticizer composition,
wherein the plasticizer composition in said filler-containing PVC plastisol and in said filler-free PVC plastisol respectively contains bis(2-ethylhexyl) cyclohexane-1,4-dicarboxylate in a proportion of greater than 50% by weight based on the plasticizer composition,
wherein said at least one layer obtained from the filler-free PVC plastisol is an upper transparent layer of the multilayer surface and said at least one layer obtained from said filler-containing PVC plastisol is a lower layer of the multilayer surface.

22. The multilayer surface covering according to claim 21, wherein the multilayer surface covering comprises at least one carrier material that has been coated on one or both sides with said filler-containing PVC plastisol to form said at least one layer obtained from said filler-containing PVC plastisol.