CLAIMS

1. A process for preparing enhanced pull through lubricious fire retardant materials, the process comprising:

A. providing a curable silicone system containing at least one fire retardant material and a catalyst for the curable silicone system;

B. partially curing the curable system to a semifluid, gum-like gel.

2. A process for preparing enhanced pull through lubricious fire retardant materials, the process comprising:

A. providing a curable silicone system containing least one fire retardant material and a catalyst for the curable silicone system, said silicone system being curable through a hydrosilyation reaction;

B. partially curing the curable fire retardant material to a semi-fluid, gum-like gel.

3. A process for preparing enhanced pull through lubricious fire retardant materials, the process comprising:

A. providing a curable silicone system containing at least one fire retardant material and a catalyst for the curable silicone system, said silicone system being

curable through a catalyzed silanol condensation reaction;

B. partially curing the curable fire retardant material to a semi-fluid, gum-like gel.

4. A process for preparing enhanced pull through lubricious fire retardant materials, the process comprising:

A. providing a curable silicone system containing at least one fire retardant material and a catalyst for the curable silicone system, said silicone system being curable through free radical catalysis;

B. partially curing the curable fire retardant material to a semi-fluid, gum-like gel.

5. A process as claimed in claim 4 wherein the catalysis is provided by a peroxide.

6. A composition of matter when manufactured by the method as claimed in claim 1.

7. A composition of matter when manufactured by the method as claimed in claim 2.

8. A composition of matter when manufactured by the method as claimed in claim 3.

9. A composition of matter when manufactured by the method as claimed in claim 4.

10. A composition of matter when manufactured by the method of claim 5.

11. A process for preparing enhanced pull through lubricious materials, the process comprising:

A. providing a curable silicone system and a catalyst for the curable silicone system;

B. partially curing the curable system to a semifluid, gum-like gel.

12. A process for preparing enhanced pull through lubricious materials, the process comprising:

A. providing a curable silicone system and a catalyst for the curable silicone system, said silicone system being curable through a hydrosilyation reaction;

B. partially curing the curable material to a semi-fluid, gum-like gel.

13. A process for preparing enhanced pull through lubricious materials, the process comprising:

A. providing a curable silicone system and a catalyst for the curable silicone system, said silicone system being

curable through a catalyzed silanol condensation reaction;

B. partially curing the curable material to a semi-fluid, gum-like gel.

14. A process for preparing enhanced pull through lubricious materials, the process comprising:

A. providing a curable silicone system and a catalyst for the curable silicone system, said silicone system being curable through free radical catalysis;

B. partially curing the curable material to a semi-fluid, gum-like gel.

15. A process as claimed in claim 14 wherein the catalysis is provided by a peroxide.

16. A composition of matter when manufactured by the method as claimed in claim 11.

17. A composition of matter when manufactured by the method as claimed in claim 12.

18. A composition of matter when manufactured by the method as claimed in claim 13.

19. A composition of matter when manufactured by the method as claimed in claim 14.

20. A composition of matter comprising a product of claim 1 and a carrier polymer.

21. A composition of matter as claimed in claim 20 wherein the carrier polymer is a thermoplastic polymer.

22. A composition of matter as claimed in claim 20 wherein the carrier polymer is a thermoset prepolymer.

23. A composition of matter as claimed in claim 20 wherein the carrier polymer is a rubber.

24. A composition of matter as claimed in claim 20 wherein the carrier polymer is a thermoplastic prepolymer.

25. A composition of matter as claimed in claim 20 wherein the carrier polymer is an oligomer of thermoplastic polymer.

26. A composition of matter as claimed in claim 20 wherein the carrier polymer is an oligomer of a thermoset polymer.

27. A composition of matter comprising a product of claim 11 and a carrier polymer.

28. A composition of matter as claimed in claim 27 wherein the carrier polymer is a thermoplastic polymer.

29. A composition of matter as claimed in claim 27 wherein the carrier polymer is a thermoset prepolymer.

30. A composition of matter as claimed in claim 27 wherein the carrier polymer is a rubber.

31. A composition of matter as claimed in claim 27 wherein the carrier polymer is a thermoplastic prepolymer.

32. A composition of matter as claimed in claim 27 wherein the carrier polymer is an oligomer of thermoplastic polymer.

33. A composition of matter as claimed in claim 27 wherein the carrier polymer is an oligomer of a thermoset polymer.

CLAIMS

1. A process for preparing materials having enhanced pull through lubricity, the process comprising:

A. providing a curable silicone system and a catalyst for the curable silicone system;

B. partially curing the curable system to a semifluid, gum-like gel.

2. The process of claim 1, wherein the material are fire retardant materials, and wherein the curable silicone system contains at least one fire retardant material.

3. The process of claim 1 or claim 2 wherein the silicone system is curable through a hydrosilyation reaction.

4. The process of claim 1 or claim 2 wherein the silicone system is curable through a catalyzed silanol condensation reaction.

5. The process of claim 1 or 2 wherein the silicone system is curable through free radical catalysis.

6. The process of claim 5 wherein the catalysis is provided by a peroxide.

7. A composition of matter obtainable by the process of claim 1 or claim 2.

8. A composition of matter obtainable by the process of claim 3.

9. A composition of matter obtainable by the process of claim 4.

10. A composition of matter obtainable by the process of claim 5.

11. A composition of matter obtainable by the process of claim 6.

12. A composition of matter comprising the product obtainable by claim or claim 2 and a carrier polymer.

13. A composition of matter in claim 12, wherein the carrier polymer is a thermoplastic polymer.

14. A composition of matter in claim 12, wherein the carrier polymer is a thermoset polymer.

15. A process for preparing fire retardant materials having enhanced pull through lubricity, the process comprising:

A. providing a curable silicone system containing at least one fire retardant material;

B. thereafter adding a catalyst to the curable silicone system;

C. thereafter, partially curing the curable system to a semi-fluid, gum-like gel.