CLAIMS

WHAT IS CLAIMED IS:

1. A composition for wound healing, comprising:
an amount of mullite, wherein the amount is effective to promote blood clot formation.

2. The composition of claim 1 which is in powder form.

3. The composition of claim 1 which is in aerosol form.

4. The composition of claim 1 which is in gel form.

5. The composition of claim 1 which is applied to a support.

6. The composition of claim 1, further comprising a blood clotting agent.

7. The composition of claim 6, wherein the blood clotting agent is fibrin.

8. The composition of claim 1, further comprising a blood vessel constricting agent.

9. The composition of claim 8, wherein the blood vessel constricting agent is aluminum sulfate.

10. The composition of claim 9, wherein the mullite and aluminum sulfate are present in a 1:1 ratio by volume.

11. The composition of claim 8, further comprising a blood clotting agent.

12. The composition of claim 11, wherein the blood clotting agent is fibrin.

13. The composition of claim 1, further comprising a local anesthetic agent.

14. The composition of claim 1, further comprising an antimicrobial agent.

15. A method for promoting blood clot formation, comprising:
contacting a wound on the skin of a mammal with the composition of claim 1.

16. A kit comprising one or more containers including the composition of claim 1, in sterile packaging.

17. A hemostatic device comprising:
a substrate; and
an amount of mullite, wherein the amount is effective to promote blood clot formation.

18. The hemostatic device of claim 17, further comprising a blood vessel constricting agent.

19. The hemostatic device of claim 18, wherein the blood vessel contricting agent is aluminum sulfate.

20. The hemostatic device of claim 17, further comprising a blood clotting agent.

Claims:

1. A composition for wound healing, comprising:
a substantially homogeneous mixture comprising an amount of mullite, wherein the amount of mullite is effective to promote blood clot formation, and an amount of aluminum sulfate, wherein the composition is in powder form.

2. The composition of claim 1 which is applied to a support.

3. The composition of claim 1, further comprising a blood clotting agent.

4. The composition of claim 3, wherein the blood clotting agent is fibrin.

5. The composition of claim 1, wherein the mullite and aluminum sulfate are present in a 1:1 ratio by volume.

6. The composition of claim 1, further comprising a blood clotting agent.

7. The composition of claim 6, wherein the blood clotting agent is fibrin.

8. The composition of claim 1, further comprising a local anesthetic agent.

9. The composition of claim 1, further comprising an antimicrobial agent.

10. The composition of claim 1 for use in promoting blood clot formation.

11. A kit comprising one or more containers including the composition of claim 1, in sterile packaging.

12. A hemostatic device comprising:
a substrate; and
an amount of mullite, wherein the amount is effective to promote blood clot formation; and
an amount of aluminum sulfate.

13. The hemostatic device of claim 12, further comprising a blood clotting agent.