## Claims

1. A personal care composition comprising a formulation including a silicone resin of the generic formula:

MQ, wherein the ratio of M to Q is about from 0.01/1 to about 3.96/1;

$M_xD_yT_z$, wherein x is about 0.01 to about 3,900,000, y is about 0.035 to about 10,000,000, z is about 0.35 to about 8,000,000;

TD, wherein the ratio of T to D is about 0.001/1 to about 73/1;

or a combination comprising at least one of the foregoing resins, wherein the formulation includes a sunscreening agent and has an SPF, wherein the resin or resin combination is present in an amount effective to increase the SPF of the formulation at least about 10% over the same formulation without the resin or resin combination; and further wherein

M is of the formula $R^1_aR^2_bR^3_cSiO_{1/2}$ wherein each $R^1$ and $R^2$ is independently the same or different monovalent hydrocarbon radical having 1 to about 60 carbon atoms, a hydroxyl, or a halogen; $R^3$ is a hydroxyl, a halogen, or a monovalent hydrocarbon radical having 1 to about 90 carbon atoms, optionally with a heteroatom; and a = 1, 2, or 3; b = 0, 1, or 2; c = 0, 1, or 2; subject to the limitation that a + b + c = 3;

Q is of the generic formula $SiO_{4/2}$;

T is of the formula $R^4SiO_{3/2}$ wherein each $R^4$ is independently a hydroxyl, a halogen, or a monovalent hydrocarbon radical having 1 to about 60 carbon atoms, optionally with heteroatoms;

D is of the formula $R^5R^6SiO_{2/2}$, wherein each $R^5$ and $R^6$ is independently a hydroxyl, a halogen, or a monovalent hydrocarbon radical having 1 to about 60 carbon atoms, optionally with heteroatoms;

a personal care component; and

a volatile fluid,

said composition achieving an increase in SPF value as compared to the SPF value of a composition without said silicone resin, wherein the ratio of increase of the SPF value to the weight percent of said silicone resin in the composition (% SPF increase/wt. % silicone), is from 12 to 36.

2. The personal care composition of Claim 1 wherein the silicone resin is a solid.

3. The personal care composition of Claim 1 comprising a silicone resin of the generic formula MQ.

4. The personal care composition of Claim 1, wherein each $R^1$, $R^2$, and $R^3$ is independently an alkyl group having 1 to about 8 carbon atoms, an aryl group having 6 to about 18 carbon atoms, an aralkyl having 7 to about 30 carbon atoms, an alkaryl having 7 to about 30 carbon atoms, a substituted alkyl group having about 7 to about 40 carbon atoms, F, Cl, or I.

5. The personal care composition of Claim 4, wherein $R^1$, $R^2$, and $R^3$ are each independently selected from the group consisting of methyl, ethyl, propyl, isopropyl,

butyl, t-butyl, phenyl-1-propyl, phenyl-2-propyl, phenyl-3-butyl, phenyl-4-butyl, 1-phenylpropyl, 2-phenylpropyl, 3-phenylpropyl, 1-phenylbutyl, 2-phenylbutyl, 3-phenylbutyl, isostearoyl propane, diisostearoyl propane, diisostearoyl trimethylolpropane, or fluoro.

6. The personal care composition of Claim 1 comprising a silicone resin of the generic formula $M_xD_yT_z$.

7. The personal care composition of Claim 6 wherein each $R^1$, $R^2$, $R^3$, $R^4$, $R^5$, and $R^6$ is independently a hydroxyl, an alkyl group having 1 to about 8 carbon atoms, an aryl group having 6 to about 18 carbon atoms, an aralkyl having 7 to about 30 carbon atoms, an alkaryl having 7 to about 30 carbon atoms, a substituted alkyl group having about 7 to about 40 carbon atoms, F, Cl, or I.

8. The personal care composition of Claim 1 comprising a silicone resin of the generic formula TD.

9. The personal care composition of Claim 8, wherein each $R^4$, $R^5$, and $R^6$ is independently a hydroxyl, an alkyl group having 1 to about 8 carbon atoms, an aryl group having 6 to about 18 carbon atoms, an aralkyl having 7 to about 30 carbon atoms, an alkaryl having 7 to about 30 carbon atoms, a substituted alkyl group having about 7 to about 40 carbon atoms, F, Cl, or I.

10. The personal care composition of Claim 1 wherein the personal care component is selected from the group consisting of surfactants, emulsifiers, emollients, moisturizers, humectants, pigments, colorants, fragrances, biocides, preservatives, antioxidants, anti-microbial agents, anti-fungal agents, antiperspirant agents, exfoliants, hormones, enzymes, medicinal compounds, vitamins, alpha-hydroxy acids, beta-hydroxy acids, occlusives, salts, electrolytes, alcohols, polyols, absorbing agents for ultraviolet radiation, botanical extracts, organic oils, waxes, film formers, thickening agents, particulate fillers, clays, other silicones, and combinations comprising at least one of the foregoing personal care components.

11. The personal care composition of Claim 1, further having easy formulation, non-tackiness, spreadability, homogeneity, organic compatibility, reduced skin irritation, improved skin feel, shine, or combinations comprising at least one of the foregoing properties.

12. The personal care composition of Claim 1 where the personal care composition is used in an application selected from the group consisting of deodorants, antiperspirants, antiperspirant/deodorants, including sprays, sticks and roll-on products, shaving products, skin lotions, moisturizers, toners, bath products, cleansing products, shampoos, conditioners, combined shampoo/conditioners, mousses, styling gels, hair sprays, hair dyes, hair color products, hair bleaches, waving products, hair straighteners, nail polish, nail polish remover, nail creams and lotions, cuticle softeners, insect repellent, anti-aging products, lipsticks, foundations, face powders, eye liners, eye

shadows, blushes, makeup, mascaras, moisturizing preparations, foundations, body and hand preparations, skin care preparations, face and neck preparations, tonics, dressings, hair grooming aids, aerosol fixatives, fragrance preparations, aftershaves, make-up preparations, soft focus applications, night and day skin care preparations, non-coloring hair preparations, tanning preparations, synthetic and non-synthetic soap bars, hand liquids, nose strips, non-woven applications for personal care, baby lotions, baby baths and shampoos, baby conditioners, shaving preparations, cucumber slices, skin pads, make-up removers, facial cleansing products, cold creams, sunscreen products, mousses, spritzes, paste masks and muds, face masks, colognes and toilet waters, hair cuticle coats, shower gels, face and body washes, personal care rinse-off products, gels, foam baths, scrubbing cleansers, astringents, nail conditioners, eye shadow sticks, powders for face or eye, lip balms, lip glosses, hair care pump sprays and other non-aerosol sprays, hair-frizz-control gels, hair leave-in conditioners, hair pomades, hair de-tangling products, hair fixatives, hair bleach products, skin lotions, pre-shaves and pre-electric shaves, anhydrous creams and lotions, oil/water, water/oil, multiple and macro and micro emulsions, water-resistant creams and lotions, anti-acne preparations, mouth-washes, massage oils, toothpastes, clear gels and sticks, ointment bases, topical wound-healing products, aerosol talcs, barrier sprays, vitamin and anti-aging preparations, herbal-extract preparations, bath salts, bath and body milks, hair styling aids, hair-, eye-, nail- and skin-soft solid applications, controlled-release personal care products, hair conditioning mists, skin care moisturizing mists, skin wipes, pore skin wipes, pore cleaners, blemish reducers, skin exfoliators, skin desquamation enhancers, skin towelettes and cloths, depilatory preparations, personal care lubricants, nail coloring preparations, drug delivery

systems for topical application of medicinal compositions that are to be applied to the skin and combinations comprising at least one of the foregoing applications.

13. The personal care composition of claim 1 where the personal care composition is used in an application selected from the group consisting of sunscreens, cosmetics, hair care products, skin care products and combinations comprising at least one of the foregoing personal care applications.

14. The personal care composition of Claim 1, further comprising a sunscreening agent selected from the group consisting of cesium oxide, chromium oxide, cobalt oxide, iron oxide, red petrolatum, treated titanium dioxide, titanium dioxide, zinc oxide, and/or zirconium oxide, $BaTiO_3$, $CaTiO_3$, $SrTiO_3$, SiC, p-aminobenzoic acid, avobenzone cinoxate, dioxybenzone, homosalate, menthyl anthranilate, octocrylene, octyl methoxycinnamate, octyl salicylate, oxybenzone, padimate, phenylbenzimidazole sulfonic acids, sulisobenzone, trolamine salicylate, aminobenzoic acid, amyldimethyl diethanolamine p- methoxycinnamate, digalloyl trioleate, 2- ethylhexyl-2- cyano-3,3-diphenylacrylate, ethylhexylp-methoxycinnamate, 2-ethylhexyl salicylate, glyceryl aminobenzoate, homomenthyl salicylate, homosalate, 3-imidazol-4-ylacrylic acid and the ethyl ester thereof, methyl anthranilate, octyldimethyl PABA, 2-phenylbenzimidazole-5-sulfonic acid and salts, sulisobenzone, triethanolamine salicylate, N, N, N-trimethyl-4-(2-oxoborn-3-ylidene methyl)anillinium methyl sulfate, aminobenzoate, 4-isopropylbenzyl salicylate, 2-ethylhexyl 4-methoxycinnamate, methyl diisopropylcinnamate, isoamyl 4-methoxycinnamate, diethanolamine 4-

methoxycinnamate, 3-(4'-trimethylammonium)-benzyliden-bornan-2-one methylsulfate, 2-hydroxy-4-methoxybenzophenone, 2-hydroxy-4-methoxybenzophenone-5-sulfonate, 2,4-dihydroxybenzophenone, 2,2',4,4'-tetrahydroxybenzophenone, 2,2'-dihydroxy-4,4'dimethoxybenzophenone, 2-hydroxy-4-n-octoxybenzophenone, 2-hydroxy-4-methoxy-4'- methoxybenzophenone, ca-(2-oxoborn-3-ylidene)-tolyl-4-sulfonic acid and soluble salts thereof, 3-(4'-sulfo)benzyliden-bornan-2-one and soluble salts thereof, 3-(4'-methylbenzylidene)-d,l-camphor, 3-benzylidene-d,l-camphor, benzene 1,4-di(3-methylidene-10-camphosulfonic) acid and salts thereof, urocanic acid, 2,4,6-tris-(2'-ethylhexyl-1'-oxycarbonyl)-anilinol 1,3,5-triazine, 2-(p-(tert-butylamido)anilinol-4,6-bis-(p-(2'-ethylhexyl 1'-oxycarbonyl) anilinol 1,3,5-triazine, 2,4-bis{l,4-(2-ethylhexyloxy)-2-hydroxyl-phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine, the polymer of N-(2 et 4)-(2-oxoborn-3-yliden)methylbenzyl acrylamide, 1,4-bisbenzimidazolyl-phenylen-3,3',5,5'-tetrasulfonic acid and salts thereof, the benzalmalonate-substituted polyorganosiloxanes, the benzotriazole-substituted polyorganosiloxanes, solubilized 2,2'-methylene-bis-l,6-(2 H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol, 2-methyldibenzoylmethane, 4-methyldibenzoylmethane, 4-isopropyldibenzoylmethane, 4-tert-butyldibenzoylmethane, 2,4-dimethyldibenzoylmethane, 2,5-dimethyldibenzoylmethane, 4,4'-diisopropyldibenzoylmethane, 4,4'-dimethoxydibenzoylmethane, 4-tert-butyl-4'-methoxydibenzoylmethane, 2-methyl-5-isopropyl-4'-methoxydibenzoylmethane, 2-methyl-5-tert-butyl-4'-methoxydibenzoylmethane, 2,4-dimethyl-4'-methoxydibenzoylmethane, 2,6-dimethyl-4-tert-butyl-4'-methoxydibenzoylmethane, and combinations comprising at least one of the foregoing sunscreening agents.

15. The composition of claim 1, wherein the resin or resin combination is present in an amount effective to increase the SPF of the formulation at least about 20 to about 300% over the same formulation without the resin or resin combination.

16. The composition of claim 1, wherein the resin or resin combination is present in an amount effective to increase the SPF of the formulation at least about 30 to about 200% over the same formulation without the resin or resin combination.

17. A method of manufacturing the personal care compositions of claim 1 comprising combining the resin with a personal care component.

18. A method of using the personal care compositions of claim 1 comprising applying the composition to an area to be protected from sunlight.

19. The personal care composition of claim 1 wherein the volatile fluid is water.

20. The personal care composition of claim 1 wherein the silicone resin comprises from 2 to about 10 wt % of the total personal composition.

21. The personal care composition of claim 20 wherein the composition includes at least 52% water based on the total weight of the composition.

22. The personal care composition of claim 21 wherein the increase of SPF of the composition is above 30%.

23. The personal care composition of claim 21 wherein the SPF of the composition is from 91 to 92.

## Claims

1. A personal care composition comprising a formulation including a silicone resin of the generic formula:

MQ, wherein the ratio of M to Q is from 0.01/1 to 3.96/1;

$M_xD_yT_z$, wherein x is 0.01 to 3,900,000, y is 0.035 to 10,000,000, z is 0.35 to 8,000,000;

TD, wherein the ratio of T to D is 0.001/1 to 73/1;

or a combination comprising at least one of the foregoing resins, wherein the formulation includes a sunscreening agent and has an SPF, wherein the resin or resin combination is present in an amount effective to increase the SPF of the formulation at least 10% over the same formulation without the resin or resin combination; and further wherein

M is of the formula $R^1_aR^2_bR^3_cSiO_{1/2}$ wherein each $R^1$ and $R^2$ is independently the same or different monovalent hydrocarbon radical having 1 to 60 carbon atoms, a hydroxyl, or a halogen; $R^3$ is a hydroxyl, a halogen, or a monovalent hydrocarbon radical having 1 to 90 carbon atoms, optionally with a heteroatom; and a = 1, 2, or 3; b = 0, 1, or 2; c = 0, 1, or 2; subject to the limitation that a + b + c = 3;

Q is of the generic formula $SiO_{4/2}$;

T is of the formula $R^4SiO_{3/2}$ wherein each $R^4$ is independently a hydroxyl, a halogen, or a monovalent hydrocarbon radical having 1 to 60 carbon atoms, optionally with heteroatoms;

D is of the formula $R^5R^6SiO_{2/2}$, wherein each $R^5$ and $R^6$ is independently a hydroxyl, a halogen, or a monovalent hydrocarbon radical having 1 to 60 carbon atoms, optionally with heteroatoms;

a personal care component; and

a volatile fluid,

said composition achieving an increase in SPF value as compared to the SPF value of a composition without said silicone resin, wherein the ratio of increase of the SPF value to the weight percent of said silicone resin in the composition (% SPF increase/wt. % silicone), is from 12 to 36.

2. The personal care composition of Claim 1 wherein the silicone resin is a solid.

3. The personal care composition of Claim 1 comprising a silicone resin of the generic formula MQ.

4. The personal care composition of Claim 1, wherein each $R^1$, $R^2$, and $R^3$ is independently an alkyl group having 1 to 8 carbon atoms, an aryl group having 6 to 18 carbon atoms, an aralkyl having 7 to 30 carbon atoms, an alkaryl having 7 to 30 carbon atoms, a substituted alkyl group having 7 to 40 carbon atoms, F, Cl, or I.

5. The personal care composition of Claim 4, wherein $R^1$, $R^2$, and $R^3$ are each independently selected from the group consisting of methyl, ethyl, propyl, isopropyl, butyl, t-butyl, phenyl-1-propyl, phenyl-2-propyl, phenyl-3-butyl, phenyl-4-butyl, 1-



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phenylpropyl, 2-phenylpropyl, 3-phenylpropyl, 1-phenylbutyl, 2-phenylbutyl, 3-phenylbutyl, isostearoyl propane, diisostearoyl propane, diisostearoyl trimethylolpropane, or fluoro.

6. The personal care composition of Claim 1 comprising a silicone resin of the generic formula $M_xD_yT_z$.

7. The personal care composition of Claim 6 wherein each $R^1$, $R^2$, $R^3$, $R^4$, $R^5$, and $R^6$ is independently a hydroxyl, an alkyl group having 1 to 8 carbon atoms, an aryl group having 6 to 18 carbon atoms, an aralkyl having 7 to 30 carbon atoms, an alkaryl having 7 to 30 carbon atoms, a substituted alkyl group having 7 to 40 carbon atoms, F, Cl, or I.

8. The personal care composition of Claim 1 comprising a silicone resin of the generic formula TD.

9. The personal care composition of Claim 8, wherein each $R^4$, $R^5$, and $R^6$ is independently a hydroxyl, an alkyl group having 1 to 8 carbon atoms, an aryl group having 6 to 18 carbon atoms, an aralkyl having 7 to 30 carbon atoms, an alkaryl having 7 to 30 carbon atoms, a substituted alkyl group having 7 to 40 carbon atoms, F, Cl, or I.

10. The personal care composition of Claim 1 wherein the personal care component is selected from the group consisting of surfactants, emulsifiers, emollients, moisturizers, humectants, pigments, colorants, fragrances, biocides, preservatives,



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antioxidants, anti-microbial agents, anti-fungal agents, antiperspirant agents, exfoliants, hormones, enzymes, medicinal compounds, vitamins, alpha-hydroxy acids, beta-hydroxy acids, occlusives, salts, electrolytes, alcohols, polyols, absorbing agents for ultraviolet radiation, botanical extracts, organic oils, waxes, film formers, thickening agents, particulate fillers, clays, other silicones, and combinations comprising at least one of the foregoing personal care components.

11. The personal care composition of Claim 1, further having easy formulation, non-tackiness, spreadability, homogeneity, organic compatibility, reduced skin irritation, improved skin feel, shine, or combinations comprising at least one of the foregoing properties.

12. The personal care composition of Claim 1 where the personal care composition is used in an application selected from the group consisting of deodorants, antiperspirants, antiperspirant/deodorants, including sprays, sticks and roll-on products, shaving products, skin lotions, moisturizers, toners, bath products, cleansing products, shampoos, conditioners, combined shampoo/conditioners, mousses, styling gels, hair sprays, hair dyes, hair color products, hair bleaches, waving products, hair straighteners, nail polish, nail polish remover, nail creams and lotions, cuticle softeners, insect repellent, anti-aging products, lipsticks, foundations, face powders, eye liners, eye shadows, blushes, makeup, mascaras, moisturizing preparations, foundations, body and hand preparations, skin care preparations, face and neck preparations, tonics, dressings, hair grooming aids, aerosol fixatives, fragrance preparations, aftershaves, make-up

preparations, soft focus applications, night and day skin care preparations, non-coloring hair preparations, tanning preparations, synthetic and non-synthetic soap bars, hand liquids, nose strips, non-woven applications for personal care, baby lotions, baby baths and shampoos, baby conditioners, shaving preparations, cucumber slices, skin pads, make-up removers, facial cleansing products, cold creams, sunscreen products, mousses, spritzes, paste masks and muds, face masks, colognes and toilet waters, hair cuticle coats, shower gels, face and body washes, personal care rinse-off products, gels, foam baths, scrubbing cleansers, astringents, nail conditioners, eye shadow sticks, powders for face or eye, lip balms, lip glosses, hair care pump sprays and other non-aerosol sprays, hair-frizz-control gels, hair leave-in conditioners, hair pomades, hair de-tangling products, hair fixatives, hair bleach products, skin lotions, pre-shaves and pre-electric shaves, anhydrous creams and lotions, oil/water, water/oil, multiple and macro and micro emulsions, water-resistant creams and lotions, anti-acne preparations, mouth-washes, massage oils, toothpastes, clear gels and sticks, ointment bases, topical wound-healing products, aerosol talcs, barrier sprays, vitamin and anti-aging preparations, herbal-extract preparations, bath salts, bath and body milks, hair styling aids, hair-, eye-, nail- and skin-soft solid applications, controlled-release personal care products, hair conditioning mists, skin care moisturizing mists, skin wipes, pore skin wipes, pore cleaners, blemish reducers, skin exfoliators, skin desquamation enhancers, skin towelettes and cloths, depilatory preparations, personal care lubricants, nail coloring preparations, drug delivery systems for topical application of medicinal compositions that are to be applied to the skin and combinations comprising at least one of the foregoing applications.

13. The personal care composition of claim 1 where the personal care composition is used in an application selected from the group consisting of sunscreens, cosmetics, hair care products, skin care products and combinations comprising at least one of the foregoing personal care applications.

14. The personal care composition of Claim 1, further comprising a sunscreening agent selected from the group consisting of cesium oxide, chromium oxide, cobalt oxide, iron oxide, red petrolatum, treated titanium dioxide, titanium dioxide, zinc oxide, and/or zirconium oxide, $BaTiO_3$, $CaTiO_3$, $SrTiO_3$, SiC, p-aminobenzoic acid, avobenzone cinoxate, dioxybenzone, homosalate, menthyl anthranilate, octocrylene, octyl methoxycinnamate, octyl salicylate, oxybenzone, padimate, phenylbenzimidazole sulfonic acids, sulisobenzone, trolamine salicylate, aminobenzoic acid, amyldimethyl diethanolamine p- methoxycinnamate, digalloyl trioleate, 2- ethylhexyl-2- cyano-3,3-diphenylacrylate, ethylhexylp-methoxycinnamate, 2-ethylhexyl salicylate, glyceryl aminobenzoate, homomenthyl salicylate, homosalate, 3-imidazol-4-ylacrylic acid and the ethyl ester thereof, methyl anthranilate, octyldimethyl PABA, 2-phenylbenzimidazole-5-sulfonic acid and salts, sulisobenzone, triethanolamine salicylate, N, N, N-trimethyl-4-(2-oxoborn-3-ylidene methyl)anillinium methyl sulfate, aminobenzoate, 4-isopropylbenzyl salicylate, 2-ethylhexyl 4-methoxycinnamate, methyl diisopropylcinnamate, isoamyl 4-methoxycinnamate, diethanolamine 4-methoxycinnamate, 3-(4'-trimethylammonium)-benzyliden-bornan-2-one methylsulfate, 2-hydroxy-4-methoxybenzophenone, 2-hydroxy-4-methoxybenzophenone-5-sulfonate, 2,4-dihydroxybenzophenone, 2,2',4,4'-tetrahydroxybenzophenone, 2,2'-dihydroxy-

4,4'dimethoxybenzophenone, 2-hydroxy-4-n-octoxybenzophenone, 2-hydroxy-4-methoxy-4'- methoxybenzophenone, ca-(2-oxoborn-3-ylidene)-tolyl-4-sulfonic acid and soluble salts thereof, 3-(4'-sulfo)benzyliden-bornan-2-one and soluble salts thereof, 3-(4'-methylbenzylidene)-d,l-camphor, 3-benzylidene-d,l-camphor, benzene 1,4-di(3-methylidene-10-camphosulfonic) acid and salts thereof, urocanic acid, 2,4,6-tris-(2'-ethylhexyl-1'-oxycarbonyl)-anilinol 1,3,5-triazine, 2-(p-(tert-butylamido)anilinol-4,6-bis-(p-(2'-ethylhexyl 1'-oxycarbonyl) anilinol 1,3,5-triazine, 2,4-bis{l,4-(2-ethylhexyloxy)-2-hydroxyl-phenyl}-6-(4-methoxyphenyl)-1,3,5-triazine, the polymer of N-(2 et 4)-(2-oxoborn-3-yliden)methylbenzyl acrylamide, 1,4-bisbenzimidazolyl-phenylen-3,3',5,5'-tetrasulfonic acid and salts thereof, the benzalmalonate-substituted polyorganosiloxanes, the benzotriazole-substituted polyorganosiloxanes, solubilized 2,2'-methylene-bis-l,6-(2 H-benzotriazol-2-yl)-4-(1,1,3,3-tetramethylbutyl)phenol, 2-methyldibenzoylmethane, 4-methyldibenzoylmethane, 4-isopropyldibenzoylmethane, 4-tert-butyldibenzoylmethane, 2,4-dimethyldibenzoylmethane, 2,5-dimethyldibenzoylmethane, 4,4'-diisopropyldibenzoylmethane, 4,4'-dimethoxydibenzoylmethane, 4-tert-butyl-4'-methoxydibenzoylmethane, 2-methyl-5-isopropyl-4'-methoxydibenzoylmethane, 2-methyl-5-tert-butyl-4'-methoxydibenzoylmethane, 2,4-dimethyl-4'-methoxydibenzoylmethane, 2,6-dimethyl-4-tert-butyl-4'-methoxydibenzoylmethane, and combinations comprising at least one of the foregoing sunscreening agents.

15. The composition of claim 1, wherein the resin or resin combination is present in an amount effective to increase the SPF of the formulation at least 20 to 300% over the same formulation without the resin or resin combination.

16. The composition of claim 1, wherein the resin or resin combination is present in an amount effective to increase the SPF of the formulation at least 30 to 200% over the same formulation without the resin or resin combination.

17. A method of manufacturing the personal care compositions of claim 1 comprising combining the resin with a personal care component.

18. A method of using the personal care compositions of claim 1 comprising applying the composition to an area to be protected from sunlight.

19. The personal care composition of claim 1 wherein the volatile fluid is water.

20. The personal care composition of claim 1 wherein the silicone resin comprises from 2 to 10 wt % of the total personal composition.

21. The personal care composition of claim 20 wherein the composition includes at least 52% water based on the total weight of the composition.

22. The personal care composition of claim 21 wherein the increase of SPF of the composition is above 30%.

23. The personal care composition of claim 21 wherein the SPF of the composition is from 91 to 92.