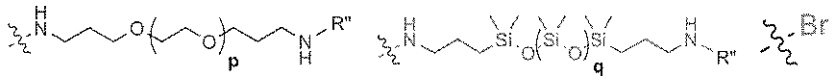
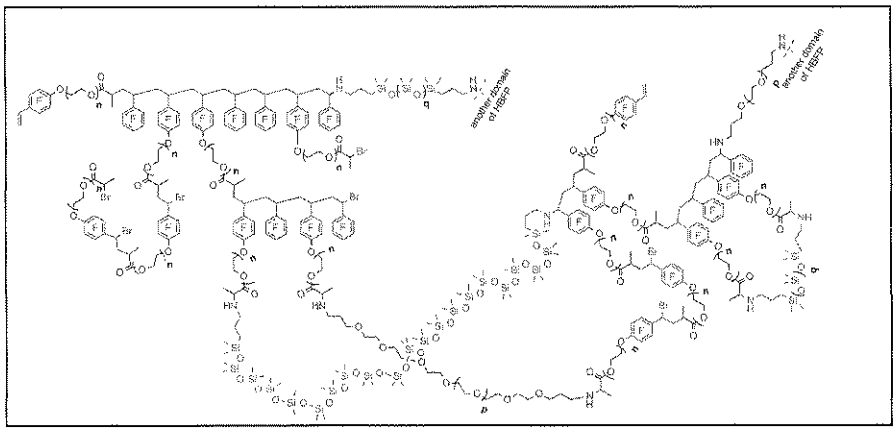


and R' is selected from the group consisting of



wherein R" is another domain of Formula A or Hydrogen.

~~14~~15. The method of claim 13, wherein the terpolymer of terpolymer of the branched fluoropolymer, polyethylene glycol and polydimethylsiloxane is represented by:



~~15~~16. The method of claim 13, wherein the weight percentage of diamino-polyethylene glycol is between about 0.5% and about 99% of the weight of the compound.

~~16~~17. The method of claim 13, wherein the weight percentage of diamino-polydimethylsiloxane is between about 0.5% and about 99% of the weight of the compound.

~~17~~18. The method of claim 13, wherein the weight percentage of diaminopolyethylene glycol is

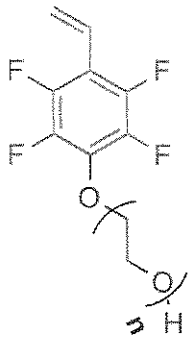
between about 17.5% and about 30% of the weight of the compound.

~~18~~19. The method of claim 13, wherein the weight percentage of diamino-polydimethylsiloxane is between about 17.5% and about 30% of the weight of the compound.

~~19~~20. The method of claim 13, wherein the weight percentage of diaminopolyethylene glycol is between about 17.5% and about 30% of the weight of the compound the weight percentage of diamino-polydimethylsiloxane is between about 17.5% and about 30% of the weight of the compound.

~~20~~21. A compound for mitigating biofouling, the compound prepared by a method comprising:

(a) reacting 2,3,4,5,6-pentafluorostyrene with polyethylene glycol to obtain a product represented by Formula I below:



(I)

wherein n is selected from an integer between 1 and 15 inclusive;

(b) reacting the product obtained in (a) with 2-bromopropionyl bromide to obtain a product represented by Formula II below: