What is claimed is:

1. A curable composition comprising:
   (a) a polyene,
   (b) a polythiol,
   (c) 0.001 to 20 percent by weight of an anhydride, based on the total weight of resin solids in the composition, and
   (d) 0.1 to 80 percent by weight of a pigment, based on the total weight of solids in the composition; wherein the mole ratio of polythiol (b) to polyene (a) is from 0.1 to 10/1.

2. The composition of claim 1 in which the pigment is a corrosion-inhibiting pigment.

3. The composition of claim 1 in which the polyene has the structural formula

$$A - (X)_m$$

where A is an organic moiety; X is an olefinically unsaturated moiety and m is at least 2.

4. The composition of claim 3 in which X is selected from $-C(O)CHR=CH_2$ and $-CH_2-CHR=CH_2$, where R is hydrogen or methyl.

5. The composition of claim 3 in which A contains groups selected from ester and urethane.

6. The composition of claim 3 in which A is derived from a polyisocyanate.

7. The composition of claim 3 in which $A-(X)_m$ is a polyurethane (meth)acrylate.

8. The composition of claim 3 in which $A-(X)_m$ is a polyester (meth)acrylate.

9. The composition of claim 6 in which the polyisocyanate is an aliphatic including a cycloaliphatic polyisocyanate.

10. The composition of claim 3 in which m is from 2 to 6.

11. The composition of claim 1 in which the polythiol has the structural formula R_1-$(SH)_n$ where R_1 is an organic moiety and n is at least 2.

12. The composition of claim 11 in which R_1 contains ester groups.

13. The composition of claim 11 in which R_1 is derived from a polyol.

14. The composition of claim 11 in which the polythiol is the reaction product of a thiol-functional organic acid and a polyol.

15. The composition of claim 11 in which n is from 2 to 6.

16. The composition of claim 1 in which the anhydride is an anhydride-containing polymer.

17. The composition of claim 16 in which the polymer is a (meth)acrylic polymer.

18. The composition of claim 1 further comprising a catalyst.

19. The composition of claim 18 in which the catalyst is a secondary or tertiary amine.

20. The composition of claim 18 in which the catalyst is present in the composition in amounts of 0.001 to 10 percent by weight based on weight of resin solids in the composition.

21. A curable composition comprising:

(a) a polyene,

(b) a polythiol,

(c) 0.001 to 20 percent by weight of an anhydride,

(d) 0.001 to 10 percent by weight of a basic catalyst, and

(e) 0.1 to 80 percent by weight of a pigment,

the mole ratio of (b) to (a) being from 0.1 to 10/1, (c) and (d) being based on weight of resin solids in the composition, the percentage by weight of (e) being based on solids weight in the composition.