Therefore, we claim:

1. A curable film-forming composition comprising:

(a) a curing agent having reactive functional groups and comprising a polyisocyanate, beta-hydroxyalkylamide, polyacid, organometallic acid-functional material, polyamine, polyamide, polysulfide, polythiol, polyene, polyol, polysilane and/or an aminoplast;

(b) a compound having functional groups reactive with the reactive functional groups in (a) and comprising an addition polymer, a polyether polymer, a polyester polymer, a polyester acrylate polymer, a polyurethane polymer, and/or a polyurethane acrylate polymer;

(c) a photothermally active material comprising gold and/or carbon; and

(d) a metal catalyst comprising tin.

2. The composition of claim 1, wherein the functional groups on the compound (b) are selected from carboxylic acid groups, amine groups, hydroxyl groups, carbamate groups, amide groups, urea groups, (meth)acrylate groups, styrenic groups, vinyl groups, allyl groups, aldehyde groups, acetoacetate groups, hydrazide groups, cyclic carbonate, acrylate, maleic and mercaptan groups.

3. The composition of claim 1, wherein the composition is a two-package composition, and the photothermally active material (c) is present with the curing agent (a) in a first package and/or with the compound (b) in a second package.

4. The composition of claim 1, wherein the cure agent comprises a polyisocyanate.

5. A coated substrate comprising:

A) a substrate having at least one coatable surface, and

B) a curable film-forming composition applied to at least one surface of the substrate, wherein the film-forming composition is prepared from the

curable composition of claim 1.

6. A method of coating a substrate, comprising:

(1) applying to at least one surface of the substrate a curable film-forming composition to form a coated substrate, wherein the curable film-forming composition comprises the composition of claim 1:

and

(2) irradiating the coated substrate with pulsed actinic radiation at a wavelength, duration, and intensity sufficient to at least partially cure the curable film-forming composition.

7. The method of claim 6, wherein the curable film-forming composition is a two-package composition, and the photothermally active material (c) is present with the curing agent (a) in a first package and/or with the compound (b) in a second package.

8. The method of claim 6, wherein the wavelength of actinic radiation is from 300 to 1000 nm.

9. The method of claim 6, wherein the duration of an actinic radiation pulse is from 1 femtosecond to 1 microsecond and the total duration of exposure to irradiation pulses ranges from 1 microsecond to 48 hours.

10. The method of claim 6, wherein the intensity of actinic radiation is from 1 to 10^8 W/cm^2.