CLAIMS

What is claimed is:

1. A coating composition comprising:
   (a) a film-forming resin; and
   (b) a catalyst associated with a carrier, wherein at least some of the catalyst, upon application of shear force, can be released from the carrier, and wherein the carrier is not formed from the film-forming resin.

2. The composition of claim 1, wherein the film-forming resin comprises a waterborne composition.

3. The composition of either of claims 1 or 2, wherein the catalyst is contained within or encapsulated by the carrier.

4. The composition of any one of claims 1 to 3, wherein the carrier comprises a crosslinked polymer and/or copolymer.

5. The composition of any one of claims 1 to 3, wherein the carrier comprises:
   (a) gelatin, or
   (b) polyoxymethylene urea formaldehyde.

6. The composition of any one of claims 1 to 5, wherein the catalyst comprises catalysts comprising metal salts, or organometallic catalysts.

7. The composition of any one of claims 1 to 6, wherein the catalyst comprises dibutyltin dilaurate.

8. The composition of any one of claims 1 to 7, wherein the catalyst comprises 40-90 wt% of total solid content of the catalyst and carrier.

9. The composition of any one of claims 1 to 8, wherein the shear force is imparted by an atomizer or a spray gun.

10. The composition of any one of claims 1 to 9, wherein the coating composition further comprises a crosslinker.

11. A substrate coated at least in part with the coating composition recited in any one of claims 1 to 10.

12. The substrate of claim 11, wherein the substrate is part of a vehicle.

13. A method of coating a substrate comprising:
applying the coating composition of any one of claims 1 to 10 to at least a portion of the substrate, wherein said applying is conducted to impart shear force to the carrier to release the catalyst from the carrier.

14. The method of claim 13, wherein increasing the shear force applied to the carrier increases the amount of catalyst that is released.

15. The method of claim 13, wherein the shear force is induced by an atomizer or spray gun.

16. A method of coating a substrate comprising:
applying shear force to the coating composition of any one of claims 1 to 10, and subsequently applying the coating composition to at least a portion of the substrate.

17. The method of claim 16, wherein the substrate is part of a vehicle.