

A Method of Making Superhydrophobic and Superoleophilic Articles

Disclosure Number

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Technology Summary

This invention disclosure describes compositions and methods of making compositions that are both super-water repellent superhydrophobic paints (and epoxies) and superoleophilic paints (and epoxies) that can be used in many applications, including anti-corrosion, anti-biofouling, and extreme water repellency. This creates a bulk effect, in that, if the paint's surface gets damaged or abraded (rubbed off) the underlying surface becomes a superhydrophobic (or superoleophilic) surface because the underlying surface also contains the same material composition as the original surface.

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