

MULTIFUNCTIONAL ALCOHOL DISPERSIONS OF CARBON NANOTUBES

ABSTRACT

5 New carbon nanotube (CNT) compositions and methods of using those compositions
are provided. Raw carbon nanotubes are mechanically dispersed via milling into
multifunctional alcohols and mixtures of multifunctional alcohols and solvents to form pastes
or dispersions that are viscous enough to be printed using standard means such as screen
printing. These pastes or dispersions are stable in both dilute and concentrated solution.
The invention allows films to be formed on substrates (e.g., plastics, glass, metals, ceramics).

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(no suitable figure)