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# United States Patent [19]

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Sasaki et al.

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[54] **ORGANOPOLYSILOXANE COMPOSITION FOR THE FORMATION OF A RELEASE FILM**

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[57] **ABSTRACT**

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A curable organopolysiloxane composition comprising an organopolysiloxane having higher alkenyl groups, an organohydrogenpolysiloxane crosslinker, and organopolysiloxane free of alkenyl groups and silicon-bonded hydrogen atoms, a platinum group metal-containing catalyst and an inhibitor therefor provides for the formation of a cured release film. When this composition is coated on the surface of any of various types of substrates, for example, paper, synthetic resin films, fibers, etc., and then heated for 10 to 20 seconds at 80 to 90 degrees Centigrade, it forms a cured film which manifests an extremely good release performance for tacky substances, such as, for example, pressure-sensitive adhesives, and the like, while at the same time evidencing an excellent adherence to the substrate itself. The compositions can be used with synthetic resin films, such as polyolefin, which are easily deformed by heat and with poorly heat-tolerant paper.

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[30] **Foreign Application Priority Data**

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[51] Int. Cl.<sup>5</sup> ..... **C08G 77/04**

[52] U.S. Cl. .... **528/15; 528/31; 528/32; 524/267; 524/731**

[58] Field of Search ..... 528/15, 32, 31; 524/267, 731

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**9 Claims, No Drawings**