United States Patent [19]

Suzuki

[11] **Patent Number: 4,631,321**

[45] **Date of Patent: Dec. 23, 1986**

[54] **ALKENYL ORGANOPOLYSILOXANE AND CURABLE COMPOSITION THEREFROM**

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[21] Appl. No.: **703,639**

[22] Filed: **Feb. 21, 1985**

[30] **Foreign Application Priority Data**

Feb. 28, 1984 [JP] Japan 59-37112

[51] **Int. Cl.**[4] **C08L 83/06**; C08G 77/04

[52] **U.S. Cl.** **525/478**; 528/15; 528/31; 528/32

[58] **Field of Search** 525/478; 528/32

[56] **References Cited**

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[57] **ABSTRACT**

Organopolysiloxanes which have end groups of the general formula

$$-Z-\underset{\underset{R^1}{|}}{\overset{\overset{R^1}{|}}{Si}}-O-\overset{\overset{R^1_{3-a}}{|}}{Si}(OSiRR_2^1)_a,\ -\overset{\overset{R^1_{3-a}}{|}}{O}Si(OSiRR_2^1)_a,\ \text{and}$$

$$-Z\overset{\overset{R^1_{3-a}}{|}}{Si}(OSiRR_2^1)_a$$

where R is alkenyl, Z is alkylene, R^1 is a monovalent organic group, and a is 2 or 3, when mixed with organohydrogensiloxane and a platinum catalyst cure to high strength products without the use of a reinforcing filler.

13 Claims, No Drawings