United States Patent [19]

Eckberg

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[54] **VINYL GUM CURE ACCELERATORS FOR ADDITION-CURE SILICONE**

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[52] **U.S. Cl.** **428/429**; 427/387; 427/391; 428/342; 428/438; 525/477; 525/478; 525/479; 528/15; 528/31; 528/32; 524/588

[58] **Field of Search** ..... 528/15, 31, 32; 525/477, 478, 479; 260/33.6 SB; 428/429, 342, 438; 427/387, 391

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[57] **ABSTRACT**

There are provided addition-curable silicone release compositions comprised of a vinyl or silanol functional polymer base, a crosslinker containing silanic hydrogen, a precious metal catalyst such as platinum or rhodium, an optional carboxylic ester inhgibitor and silicone vinyl gum cure accelerations effective for allowing thermal cure at relatively lower temperatures while minimizing the necessity of excess metal catalyst.

19 Claims, No Drawings