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[54] **LIQUID CURABLE POLYORGANOSILOXANE COMPOSITIONS**

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Related U.S. Application Data

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[52] **U.S. Cl.** **528/15**; 528/31; 528/32; 525/478; 350/96.1; 350/96.12; 350/96.13
[58] **Field of Search** 528/15, 31, 32; 525/478; 350/96.1, 96.12, 96.13

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[57] **ABSTRACT**

Curable polyorganosiloxane compositions that can be cured to yield readily deformable, tough, elastomeric gels comprise a liquid triorganosiloxy endblocked polydimethylsiloxane containing terminal vinyl radicals, a resinous organosiloxane polymer containing dimethylvinylsiloxy, trimethylsiloxy and $SiO_{4/2}$ groups, a polyorganosiloxane containing at least 3 silicon-bonded hydrogen atoms per molecule, a substantially linear polydimethylsiloxane containing dimethylhydrogensiloxy terminal groups and a catalyst to promote curing of said composition. Gels prepared using preferred embodiments of these curable compositions are transparent and useful as pressure sensitive optical waveguides.

2 Claims, No Drawings