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[54] LOW COMPRESSION SET, OIL AND FUEL RESISTANT, LIQUID INJECTION MOLDABLE, SILICONE RUBBER

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[58] **Field of Search** 524/779, 780, 433, 403; 525/477; 528/15, 24, 31, 32

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[57] **ABSTRACT**

There is provided an organopolysiloxane composition having low compression set as well as fuel and oil resistance in addition to high strength, good elongation, and tear comprising:

(A) 100 parts of a first component comprising:
  (1) a vinyl-containing liquid organopolysiloxane or a blend of vinyl-containing liquid polysiloxanes;
  (2) optionally, filler; and
  (3) a catalyst; and

(B) from 1 to 100 parts, based on 100 parts of (A), of a hydrogen silicone composition selected from the class consisting of hydrogen containing silanes and hydrogen containing polysiloxanes and mixtures of hydrogen containing polysiloxanes with fillers and high viscosity polysiloxanes;

(C) optionally, magnesium oxide to impart oil resistance;

(D) optionally, an MQ resin to impart fuel resistance; and

(E) optionally, a cerium containing compound or, alternatively, tetramethyldivinyldisilazane to impart low compression set.

14 Claims, No Drawings