about six percent by weight of treated fume silica gave excellent optical clarity, even when backlighted with a small spotlight. This mixture had a calculated refractive index of 1.455. Mixtures varying ±5% volume of DC 550 oil had almost as good optical clarity. These mixtures varied in index of refraction by a calculated ±0.0025. A variation in the index refraction of ±0.004 for the mixtures had a very perceptible haze when sidelighted.

EXAMPLE 2

A gum containing only dimethyl siloxane with a trace (0.1 mole percent) of vinyl methyl siloxane when mixed with fume silica produced an unacceptable hazy material. The refractive index was $n_D^{23} = 1.4045$ for this material. Another siloxane gum containing seven percent mole diphenyl siloxane, 0.1% vinyl methyl siloxane, and the balance dimethyl siloxane terpolymer, had a refractive index of $n_D^{23} = 1.4320$, when mixed with treated fume silica. This produced a material with a much improved clarity. However, this was not as good as that of the oil mixture cited above with a refractive index of $n_D^{20} = 1.455$. In each case the gum with the treated silica reinforcing fillers were mixed with about 0.5 to 2.5 parts of an organic peroxide vulcanizing agent (these being commercially known) and the copolymer or terpolymer blends of the process are vulcanized by conventional techniques. For example, the blends might be vulcanized by irradition or with a known peroxide, vulcanizing agent, employing the usual methods.

In the main, an aryl monomer and an alkyl monomer are mixed and polymerized in such proportions as to provide an elastomer having a refractive index which matches that of a silica filler to obtain optically clear material suitable for contact lenses.

I claim:

1. A reenforced vulcanized silicone lens consisting of 80 to 95% of (A) at least one copolymer comprising dimethyl siloxane and at least one siloxane selected from the group consisting of diphenyl siloxane and phenylmethyl siloxane, said copolymer having 6 to 16 mole % phenyl groups and at least one organo group bonded to substantially every silicon atom, and 5 to 20% of (B) fume silica, the index of refraction of (A) being substantially the same as the index of refraction of (B) whereby said lens is optically clear.

2. The lens of claim **1** wherein A contains two copolymers.

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