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(54) Title: DEMOLDING AIDS FOR SILICONE HYDROGELS AND RELATED METHODS

(57) Abstract: Compositions and methods for improving demolding polar resin molds used in the production of silicone hydrogel materials are described. The present compositions and methods include the use of one or more reactive demolding agents. The reactive demolding agents react with components of a polymerization mixture to produce a polymerized silicone hydrogel device containing a reactant product of the demolding agent and the other components of the polymerization mixture. Polar resin molds used during the polymerization of the polymerization mixture are more easily separated than substantially identical molds used in the polymerization of a substantially identical material without a reactive demolding agent. The present compositions and methods may be used in the manufacture of silicone hydrogel lenses, such as contact lenses. The demolding aids may also be useful as delensing aids.

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