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(54) Title: MDI BASED LININGS AND MEMBRANES FROM PREPOLYMERS WITH VERY LOW FREE MONOMERIC ISOCYANATES

(57) Abstract: The present invention relates to a two part polyurethane and/or polyurethane polyurea hybrid based system for making an elastomeric material, comprising an Iso part having low free monomer and an amine/polyol part, wherein the Iso part comprises a pre-polymer of polyurethane, and wherein the pre-polymer is an MDI based pre-polymer with low free MDI monomer and capped with isocyanate groups from a second relatively higher vapor pressure isocyanate and the pre-polymer contains less than about 0.3% total free monomer and has an NCO% in the range of about 0.1 to about 10%.



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