



(11) **EP 1 870 443 A8**

(12) **CORRECTED EUROPEAN PATENT APPLICATION**

(15) Correction information:
Corrected version no 1 (W1 A2)
Corrections, see
Bibliography INID code(s) 84

(51) Int Cl.:
C09J 183/04 (2006.01)

(48) Corrigendum issued on:
30.06.2010 Bulletin 2010/26

(43) Date of publication:
26.12.2007 Bulletin 2007/52

(21) Application number: **07016770.5**

(22) Date of filing: **10.05.2001**

(84) Designated Contracting States:
DE FR GB

(30) Priority: **23.06.2000 US 213700 P**
11.08.2000 US 638409

(62) Document number(s) of the earlier application(s) in
accordance with Art. 76 EPC:
01933248.5 / 1 299 498

(71) Applicant: **GENERAL ELECTRIC COMPANY**
Schenectady, NY 12345 (US)

(72) Inventors:
• **Griswold, Roy, Melvin**
New York 12020 (US)

- **Traver, Frank, John**
New York 12180-9527 (US)
- **Wengrovius, Jeffrey, H.**
New York 12302 (US)
- **Lin, Shaow, Burn**
Michigan 48642 (US)

(74) Representative: **Thoma, Michael et al**
Lorenz - Seidler - Gossel
Widenmayerstraße 23
80538 München (DE)

Remarks:

This application was filed on 27 - 08 - 2007 as a
divisional application to the application mentioned
under INID code 62.

(54) **Silicone pressure sensitive adhesive composition**

(57) The present inventions relates to a method for making an article, comprising applying a layer of a silicone composition on at least a portion of at least one surface of a substrate, said silicone composition comprising the condensation reaction product of a silanol-functional silicone resin, said resin comprising M structural units according to the $R^1_3SiO_{1/2}$, wherein each R^1 is independently hydroxy or a monovalent hydrocarbon radical, and Q structural units according to the formula $SiO_{4/2}$ in a ratio of M units to Q units of less than 1.1:1, a silanolfunctional polydiorganosiloxane gum and a crosslinker, said silicone composition being obtained by a method comprising:
condensing, at an elevated temperature in the presence of a base catalyst, said silanol-functional silicone resin,

and

(a) heating a mixture of the resin, gum, crosslinker, base catalyst and an organic solvent to a first elevated temperature to begin condensation of the resin, gum and crosslinker,
(b) adding a molar excess, based on moles of alkoxy groups of the resin, gum and crosslinker of the mixture of step (a), of water to the mixture of step (a),
(c) heating the mixture of step (b) to allow hydrolysis of any remaining alkoxy groups, and
(d) heating the mixture of step (c) to a second elevated temperature to drive condensation of the resin, gum and crosslinker toward completion.

EP 1 870 443 A8