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(21) International Application Number: PCT/US96/05829 (22) International Filing Date: 25 April 1996 (25.04.96) (30) Priority Data: 08/428,299 25 April 1995 (25.04.95) US 08/428,936 25 April 1995 (25.04.95) US (60) Parent Applications or Grants (63) Related by Continuation US 08/569,909 (CIP) Filed on 8 December 1995 (08.12.95) US 08/569,877 (CIP) Filed on 8 December 1995 (08.12.95) (71) Applicant (for all designated States except US): MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (72) Inventors; and (75) Inventors/Applicants (for US only): SHERMAN, Audrey, A. [US/US]; 1746 East 4th Street, St. Paul, MN 55106 (US).	MELANCON, Kurt, C. [US/US]; 6480 N. 125th Street, White Bear Lake, MN 55110 (US). ROMANKO, Walter, R. [US/US]; 885 Spring Hill Drive, Woodbury, MN 55125 (US). MAZUREK, Mieczyslaw, H. [US/US]; 2044 Western Avenue, Roseville, MN 55113 (US). EVERAERTS, Albert, I. [BE/US]; 2401 Helmo Avenue North, Oakdale, MN 55128 (US). (74) Agents: PETERS, Carolyn, V. et al.; Minnesota Mining and Manufacturing Company, Office of Intellectual Property Counsel, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (81) Designated States: AL, AM, AT, AU, AZ, BB, BG, BR, BY, CA, CH, CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE, KG, KP, KR, KZ, LK, LR, LS, LT, LU, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SI, SK, TJ, TM, TR, TT, UA, UG, US, UZ, VN, ARIPO patent (KE, LS, MW, SD, SZ, UG), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, ML, MR, NE, SN, TD, TG). Published With international search report.	

(54) Title: TACKIFIED POLYDIORGANOSILOXANE OLIGOUREA SEGMENTED COPOLYMERS AND A PROCESS FOR MAKING SAME

(57) Abstract

Tackified compositions comprise a curable polydiorganosiloxane oligoureia segmented copolymer which has alternating soft polydiorganosiloxane units and hard diisocyanate residues, the diisocyanate residue being the diisocyanate minus the -NCO groups. The units are connected together by urea linkages and the copolymer has end groups that are reactive under free radical or moisture cure conditions, and silicate resin. Also provided are pressure-sensitive adhesives, hot melt adhesives, and vibration damping composites, vibration damping constrained layer constructions, a bi-directional vibration damping constrained layer constructions, vibration damping shaped articles as well as a method of vibrationally damping an article and processes for producing curable vibration damping material.

