

PCT

WORLD INTELLECTUAL PROPERTY ORGANIZATION
International BureauRTMP
COPY

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶ : A61L	A2	(11) International Publication Number: WO 96/35458 (43) International Publication Date: 14 November 1996 (14.11.96)
(21) International Application Number: PCT/US96/05852 (22) International Filing Date: 25 April 1996 (25.04.96) (30) Priority Data: 08/427,788 25 April 1995 (25.04.95) US 08/428,934 25 April 1995 (25.04.95) US (60) Parent Applications or Grants (63) Related by Continuation US 08/588,157 (CIP) Filed on 17 January 1996 (17.01.96) US 08/588,159 (CIP) Filed on 17 January 1996 (17.01.96) (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): MELANCON, Kurt, C. [US/US]; 6480 N. 125th Street, White Bear Lake, MN 55110 (US). SHERMAN, Audrey, A. [US/US]; 1746 East 4th Street, St. Paul, MN 55106-5428 (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. [US/US]; 2401 Helmo Avenue North, Oakdale, MN 55128 (US). LEIR, Charles, M. [US/US]; 1463 W. Hoyt, Falcon Heights, MN 55108 (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, SG, 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 Without international search report and to be republished upon receipt of that report.	
(54) Title: TACKIFIED POLYDIORGANOSILOXANE POLYUREA SEGMENTED COPOLYMERS AND A PROCESS FOR MAKING SAME		
(57) Abstract A tackified composition comprising (a) a polydiorganosiloxane polyurea segmented copolymer comprising the reaction product of (i) at least one polyamine, wherein the polyamine comprises at least one polydiorganosiloxane diamine, or a mixture of at least one polydiorganosiloxane diamine and at least one organic polyamine, and (ii) at least one polyisocyanate, wherein the mol ratio of isocyanate to amine is between 0.9:1 and 0.95:1 or between 1.05:1 and about 1.3:1, and (b) silicate resins. The tackified compositions are useful as pressure sensitive adhesives, particularly for foamed backing tapes, medical tapes and the like, hot melt adhesives, vibration dampers, anti-corrosive materials.		