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International Bureau

INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification 6 : C11D 7/50, C23G 5/00	A1	(11) International Publication Number: WO 96/36688 (43) International Publication Date: 21 November 1996 (21.11.96)
(21) International Application Number: PCT/US96/06887 (22) International Filing Date: 15 May 1996 (15.05.96) (30) Priority Data: 08/442,399 16 May 1995 (16.05.95) US (71) Applicant: MINNESOTA MINING AND MANUFACTURING COMPANY [US/US]; 3M Center, P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (72) Inventors: FLYNN, Richard, M.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). MILBRATH, Dean, S.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). OWENS, John, G.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). VITCAK, Daniel, R.; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). YANOME, Hideto; P.O. Box 33427, Saint Paul, MN 55133-3427 (US). (74) Agents: MAKI, Eloise, J. 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: CA, CN, JP, KR, SG, European patent (AT, BE, CH, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE). Published <i>With international search report. Before the expiration of the time limit for amending the claims and to be republished in the event of the receipt of amendments.</i>
(54) Title: AZEOTROPE-LIKE COMPOSITIONS AND THEIR USE (57) Abstract The invention provides azeotrope-like compositions consisting essentially of $R_f\text{OC}_2\text{H}_5$, where R_f is a branched or straight chain perfluoroalkyl group having 4 carbon atoms, and an organic solvent selected from the group consisting of: straight chain, branched chain and cyclic alkanes having 6 to 8 carbon atoms; esters having 4 carbon atoms; ketones having 4 carbon atoms; disiloxanes having 6 carbon atoms; cyclic and acyclic ethers having 4 to 6 carbon atoms; chlorinated alkanes having 3 to 4 carbon atoms and chlorinated alkenes having 2 carbon atoms. The compositions are useful for cleaning, as solvents or carriers for coating and as heat transfer materials.		