



INTERNATIONAL APPLICATION PUBLISHED UNDER THE PATENT COOPERATION TREATY (PCT)

(51) International Patent Classification ⁶: C07D 251/24, 251/22, 239/26, C08K 5/3492, G03C 1/73, A61K 7/42	A1	(11) International Publication Number: WO 99/67226 (43) International Publication Date: 29 December 1999 (29.12.99)
(21) International Application Number: PCT/US99/13825 (22) International Filing Date: 18 June 1999 (18.06.99) (30) Priority Data: 60/090,247 22 June 1998 (22.06.98) US (71) Applicant: CYTEC TECHNOLOGY CORP. [US/US]; 1105 Market Street, Wilmington, DE 19801 (US). (72) Inventors: GUPTA, Ram, B.; Unit 6, 511 West Main Street, Stamford, CT 06902 (US). JAKIELA, Dennis, J.; 486 Grace Trail, Orange, CT 06902 (US). (74) Agents: SHERWOOD, Michelle, A. et al.; Cytec Industries Inc., 1937 West Main Street, Stamford, CT 06904-0060 (US).	(81) Designated States: AL, AM, AU, AZ, BA, BB, BG, BR, BY, CA, CN, CU, CZ, EE, GD, GE, GH, GM, HR, HU, ID, IL, IN, IS, JP, KE, KG, KP, KR, KZ, LC, LK, LR, LS, LT, LV, MD, MG, MK, MN, MW, MX, NO, NZ, PL, RO, RU, SD, SG, SI, SK, SL, TJ, TM, TR, TT, UA, UG, UZ, VN, YU, ZA, ZW, ARIPO patent (GH, GM, KE, LS, MW, SD, SL, SZ, UG, ZW), Eurasian patent (AM, AZ, BY, KG, KZ, MD, RU, TJ, TM), European patent (AT, BE, CH, CY, DE, DK, ES, FI, FR, GB, GR, IE, IT, LU, MC, NL, PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN, GW, ML, MR, NE, SN, TD, TG). Published <i>With international search report.</i>	
(54) Title: NON-YELLOWING PARA-TERTIARY-ALKYL PHENYL SUBSTITUTED TRIAZINE AND PYRIMIDINE ULTRAVIOLET LIGHT ABSORBERS		
(57) Abstract This invention relates generally to para-tertiary alkyl phenyl substituted pyrimidines and triazines and the use thereof to protect against degradation by environmental forces, inclusive of ultraviolet light, actinic radiation, oxidation, moisture, atmospheric pollutants and combinations thereof. The new class of para-tertiary alkyl phenyl substituted pyrimidines and triazines includes two tertiary alkylated phenyl groups, and a resorcinol or substituted resorcinol group attached to the triazine or pyrimidine ring. These materials may, under the appropriate circumstances, be bonded to formulations comprising coatings, polymers, resins, organic compounds and the like via reaction of the bondable functionality with the materials of the formulation. A method for stabilizing a material by incorporating such para-tertiary alkyl phenyl substituted pyrimidines and triazines is also disclosed.		