Internet addiction is an increasing phenomenon, affecting mainly adolescents. The purpose of the present study was, first, to describe the prevalence of internet addiction among Greek high school students. Second, focusing on adolescent bloggers and social network users, to examine whether feelings of personal inadequacy and inferiority are risk factors for internet abuse, and whether the quality of romantic relationships mediates this effect. Feelings of personal inadequacy have been shown to put at high risk for internet abuse (Iskender & Akin, 2010). The total sample consisted of 2090 high schools students (14 to 25 years), from urban and rural areas. Of these, 396 reported that blogging and using social network was their main reason for internet use. Internet use was assessed with the Internet Addiction Test of Young (1998), feelings of inadequacy and inferiority were assessed with the interpersonal sensitivity scale of the Symptom Check List – 90 (Derogatis, 1994.) Quality of romantic relationships was assessed with the Experiences in Close Relationships (Fraley et al., 2000). Based on Young’s cut off points, 37,1% was digitally illiterate and rare users, 51% healthy users, 11.6% at high risk for internet addiction, and 0.3% internet addicted. Hierarchical multiple regressions revealed that, feelings of inadequacy were related to higher internet use. The Preacher and Hayes test (2004) revealed that the quality of romantic relationship partially mediated this effect (bootstrap mean = 0.0060, 99% CI = 0.0033–0.0092). The results will be discussed in light of the developmental literature and the emerging literature on internet addiction.