For positive integers $a, b, c$ that are coprime, we denote by $n(a, b, c)$ the number of positive integers that are not expressible by the form $ax + by + cz$ with $x, y, z$ nonnegative integers. We give exact formulae for $n(a, b, c)$ that covers almost all cases of $a, b, c$. (Received August 01, 2011)