filter_safety[4,23]

$\forall T$:Type, P:((T List)$\rightarrow$Prop), f:($T\rightarrow \mathbb{B}$). safety(T;$L.P(L)$) $\Rightarrow$ safety(T;$L.P$(filter(f;L)))

http://www.nuprl.org/FDLcontent/p0_802137_/p92_331722_{filter_safety}.html