1151-60-63 **Matthew Junge*** (`jungem13@gmail.com`). *Critical percolation and A+B -> 2A dynamics.*

We study the rate of expansion of an interacting particle system in which moving particles activate dormant particles linked by the components of critical bond percolation. With sufficiently many particles started at each site on trees and lattices, infinitely particles are activated in finite time i.e., the process explodes. (Received August 07, 2019)