

## Element Profile



**Name: Polonium**

**Atomic number: 84**

**Relative atomic mass: 209**

**Symbol: Po**

**Discovered by: Marie Curie**



- Marie Curie



- Metal polonium

I am polonium, I was discovered by Marie Curie in 1898 and named after her homeland, Poland. I do not like to leave my comfort zone, I will only stay in tobacco, soil and air. When I play hide and seek with my friends, I always win as I won't appear in many places. But I can't play with human, I will harm them. I can corrode and decay their skin quickly. By mass, I am the deadliest toxins, around 250 billion times more toxic than hydrogen cyanide. The most important point is I need a very good care, as I am poisoning, even inhaling a very small amount of me will be fatal. My alpha radiation can rapidly destroy your major organs. DNA and the immune system. So please handle me with care!



84-Polonium (Po)

Although I am poisoning, I have great use in the industry. I am used in devices to eliminate static electricity. These devices are designed to meet though NRC standards and pose no threat to public health or safety.



I was discovered by Marie Curie, she was the first woman to win a Nobel Prize, in Physics, and with her later win, in Chemistry, she became the first person to claim Nobel honors twice. In 1911, she won her second Nobel Prize, this time in Chemistry, for her discovery of radium and polonium. Marie Curie made many breakthroughs in her life. Acting as a leading figure in science and a role model for women, she has received a lot of honours during her lifetime.