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## Data:

Mass of tin: 2g

Mass of tin, evaporating dish, and watching glass: 39.21g

Mass after 1st heating: 39.76g

Mass after 2nd heating: 39.71g

Mass after 3rd heating: 39.71g

## Observations:

It started to bubble, turn orange, and let off orange vapor. Bad, sulfur kind of smell. Orange vapor started to turn white. Dumped in a little more than 5ml(nitric acid). Left a residue on the watching glass. Tin dissolved into the acid. Acid kind of disappeared. Eventually stopped bubbling and letting off vapor. Took about 8 minutes to stop reacting. Liquid on top of the watching glass. ~~Starts to turn from white to yellow when heating. Yellow to white when heating.~~ Lets off more vapor when heated. A little popping. Some product fell out as we heated it. Turned orange, to white, to yellow. Has an indescribable smell, kind of like cleaning product. Let off an orange vapor. Pretty dry after heating. Some product stuck to the stir rod, some fell off the watch glass. Began to turn a darker yellow with more intense heating. Much stronger smell after stronger heating was finished. Some got more heated than others. It turns a more uniform color with more heating and stirring. Mass was 0.5g off on the first and second heating. Exact on for second and third heating.

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