



- Start a flow of nitrogen to the vacuum manifold.
- Open the flow of N_2 gas to the manifold line that has a syringe at the end of the tubing and adjust the flow of N_2 so that the bubbler shows a strong positive flow but isn't bubbling like crazy.
- Open the screw cap of the SureSeal bottle and insert the syringe needle of the N_2 line into the septum ("needle in"), then insert a second needle by itself into the septum to relieve the pressure ("needle out").
- Now you can use a separate syringe to withdraw the necessary amount of reagent from the bottle.
- Once the reagent has been removed and added to the reaction then remove the "needle out", remove the "needle in", replace the cap to the SureSeal bottle, wrap it with parafilm, and turn off the flow of N_2 .

Notes

- Be sure to use a syringe that has about twice the capacity of the volume of reagent you need to withdraw (i.e. use a 10 mL syringe for 5 mL of reagent).
- It's best to clamp down the SureSeal bottle to be sure it doesn't tip or get knocked over (this is REQUIRED for any hazardous materials).
- For air-sensitive reactions it is also recommended to purge the air in the syringe before withdrawing any reagent (simply fill and plunge the syringe with N_2 from the nitrogen line 3 times before using the syringe to collect any reagent).