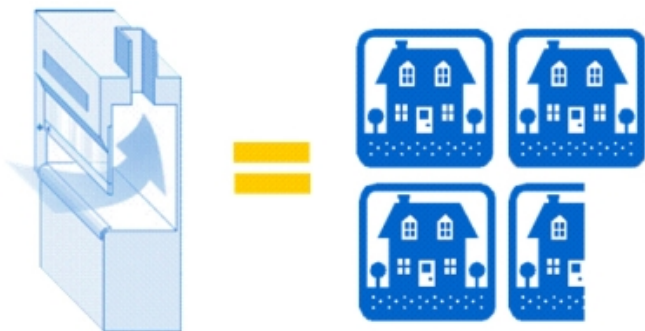


CHEMICAL SAFETY MOMENT

Issue 17 – November 2016

SDS Trivia: Under Section 8.2 - *Exposure controls (PPE)*, What does [glove] **breakthrough time** mean?

Closing your hood sash saves



A lowered hood sash not only provides protection for yourself and your colleagues but also helps to reduce energy consumption. One fume hood uses the same amount of energy as 3.5 homes per year!

We have over 140 fume hoods in our department alone (not counting teaching labs). How many hoods are located in your lab?

Do your part to stay safe and save energy, close your sash!

Use the **BLUE** dumpster for recycling

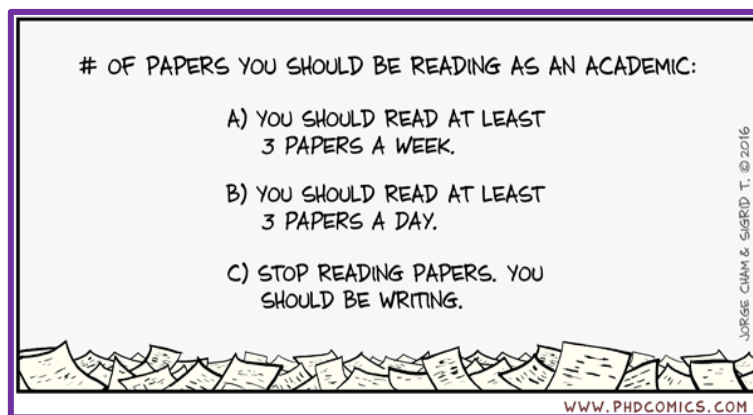


Use the **Blue** recycling dumpster, NOT the green dumpster, for laboratory recyclables. Laboratory materials that can be recycled after triple rinsing:

- Brown glass
- Clear glass
- Metal cans (steel & aluminum)
- Plastic bottles

Laboratory materials that cannot be recycled even if cleaned or uncontaminated:

- Any glass bottles that are plastic coated
- Pyrex
- Glass only boxes



Answer: **Breakthrough time**, in the context of chemical exposure, refers to the **time** between when a harmful chemical liquid touches the outside of a glove and when it breaks the surface to reach the skin.