



Lipstick Activity

1) You are now going to make your own lip tint / salve.

- ! Wear eye protection
- ! Wash your hands carefully before and after the experiment
- ! Before the mixture is applied, teachers should ensure that students do not have any known allergies to the individual ingredients
- ! Do not store the mixture if you are not going to use it in the lesson
- ! Dispose of it carefully
- ! Do not swallow ingredients

You will need

2 tbsp almond oil
1 tbsp grated beeswax
 $\frac{1}{8}$ – 1 tsp beetroot juice (*some students may prefer not to use a stain, just make a clear salve*)
Glass beaker (50ml)
Glass stirring rod
Bunsen burner
Tripod
Heatproof mat
Eye protection/goggles

Method

- a) Mix oil and wax together.
- b) Heat gently over the Bunsen until the wax has melted.
- c) Remove from the heat.
- d) Add the beetroot juice and stir in. (Add the juice until you have the colour required. Alternatively, omit the juice if you want a clear salve).
- e) Allow to cool.

If your teacher says you can use the mixture, then apply carefully – you might want to try it on the back of your hand instead of your lips

- 2) Think about your experiment and try to find out how much it differs from commercially made tint/stain. Make a note of the similarities and differences between what you did and how it is done for mass production.

Think about

- The scale of the operation.
- What additives and preservatives are used in industry
- How long will your lipstick last compared to a commercially made one
- The look and performance of the finished mixture