

Erupting Soap



Materials Needed:

- A bar of plain *Ivory* soap (other brands will not work)
- Large, microwave-safe bowl
- Microwave

Steps:



1) Place the bar of soap into the large microwave-safe bowl.

2) Place the bowl with soap into the microwave and set the microwave for 90

ATTENTION !

If the soap stops growing BEFORE the 90 seconds is up -STOP the microwave.



3) OBSERVE the soap in the microwave as it starts to expand , puff up and change into a completely different shape.

Have an adult take the bowl out of the microwave –
it will be hot!



4) Now you have a mountain of soap that you can feel a difference in it's texture, carve into a "sculpture", or simply use it as regular soap!

SCIENCE FACT !

The mountain of soap will still work as soap – but it will just have less moisture than it did in it's bar form.

This is because *Ivory* soap is heated in the microwave the moisture turns to gas (steam). The gas expands or "erupts", pushing the the solid part of the