

BOOM HAND WASHING BOMB

According to the World Health Organization, the two first causes of death, in low-income economies in 2015, were Lower respiratory infections and diarrheal diseases. In order to prevent those types of illness, there are a lot of recommendations; and most of them are easy to take. Undoubtedly cleaning hands is on the prevention to do list, nevertheless not everyone knows how to listen to advice.

There are a lot of reasons for this problem; some people think that is not completely necessary, others think that they don't have the enough time to do it. However there are a group of people who although the want it to do it, it ends to be hard for them, because, they have a difficult access to water resources.

This is why offer them a way for cleaning their hands using a restricted and right amount of water could be a solution for this problem. My design is a water bomb. This product works as a container for water. This has to be filled with the right amount of water before every use. Every time someone wants to water their hands he or she will have to push it, in order to extract water. This bomb also will supply soap for the correct washing of the hands.

By applying new methods for cleaning hands, low-incomes populations will be able to prevent diseases that kill people year by year. As a consequence this could be an accurate way to teach young generations from these populations the importance of cleaning hands. On the other hand, this solution can reduce the amount of liters of water that communities take part for cleaning hands, indeed this is ecological solution too.

This bomb will be manufactured by using a 3d print, in order to create hard pieces, put also to generate molds for creating flexible silicone pieces.