



Erasmus+



Bioplastics: The Future of Food Packaging?

An Erasmus+ Project from 2017 – 2019

Made by schools from UK (Sittingbourne), Crete (Heraklion), Romania (Piatra Neamt) and Germany (Mosbach)

Work instruction for bioplastic products with examples

Only with Na-Alginat:

2 Teespoon Na-Alginat

240 ml 1% ige Glycerol solution

180 ml water











Work instruction for bioplastic products with examples

With Starch, Salt and 1 % Glycerol solution

Tsp starch

Tsp Alginate

1 point of a knife salt

240 ml 1% Glycerol solution

100 ml Water

Food colouring









Work instruction for bioplastic products with examples

With Alginate

350 mL of water

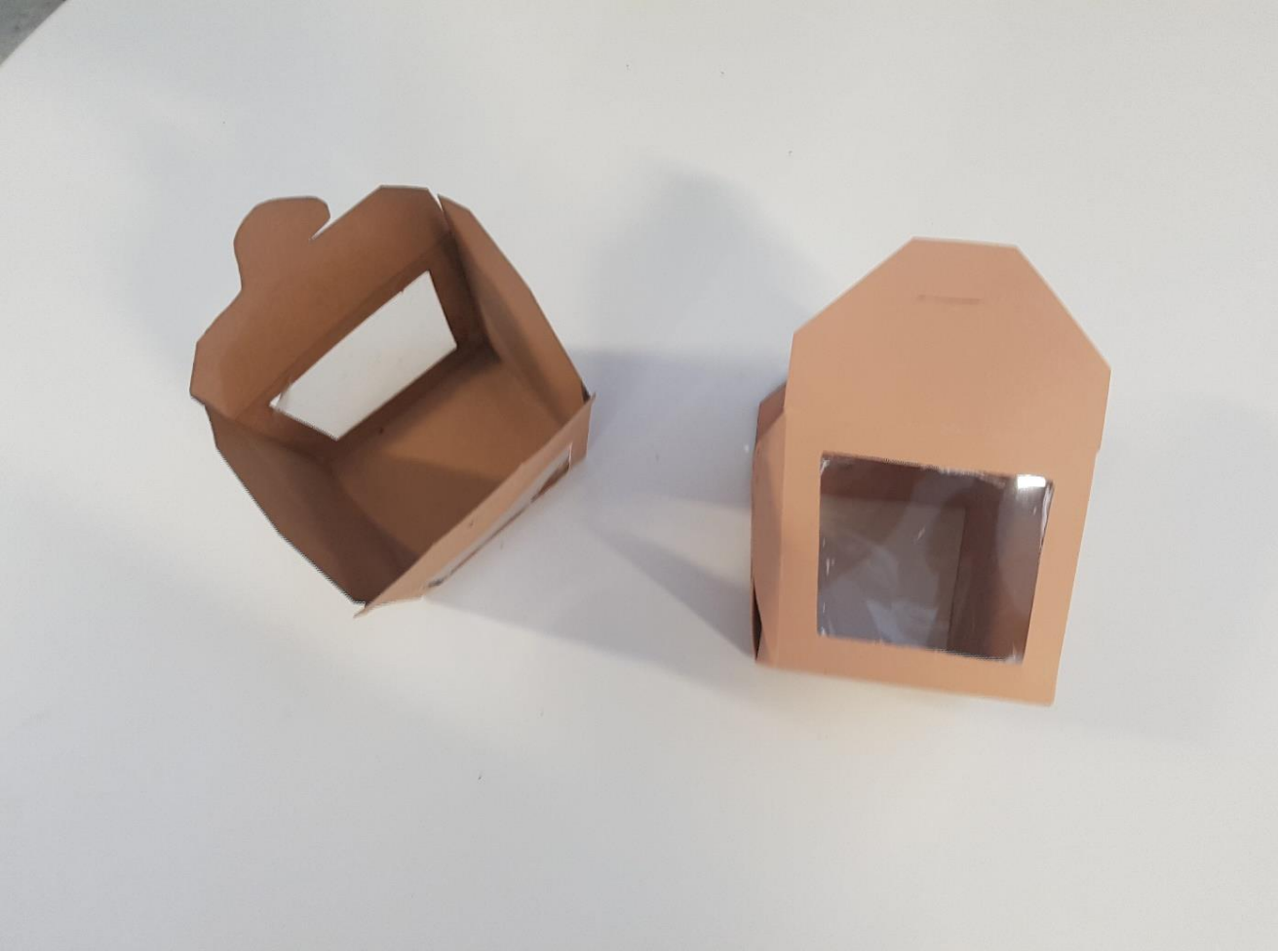
tsp of Na-Alginate

1 Tsp Starch

3 drops of Glycerine









More chemical instructions for bioplastics:

With Alginate and SiO₂

2 Tsp Alginat

240 ml 1% Glycerin solution

1 point of a knife SiO₂

180 ml Water

Food colouring

With Agar Agar, Alga (Carageen), Starch and Hydroxyethylcellulose

1 Tsp Agar

1 Tsp Alga

120 ml 1% Glycerol solution

90 ml water

1 Tsp. starch

1 point of knife Hydroxyethylcellulose



Good Luck !!!