

ALGAE PLASTIC COMPOSITE

ALGINATE NET



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RENEWABLE - VEGAN - COMPOSTABLE



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INGREDIENTS & TOOLS:

- 6g sodium alginate
- 10g glycerine
- 200 ml water
- 5 g sunflower oil
- 2 metres of yarn
- calcium chloride solution 10%

Tools: scale, blender, spray bottle, two bowls, nails, wooden board, jar

THIS IS A VARIATION ON:

Flexible Bio-plastic Alginate Recipe by Cecilia Raspanti & Catherine Euale, technique by Carolina Delgado.

Used a semi-woven technique

MAKING PROCEDURE:

- Measure ingredients
- Blend together the alginate, glycerine, oil and the water
- Rest overnight to remove bubbles
- Create matrix with yarn
- Distribute alginate
- Remove excess alginate mix
- Calcify by spraying on calcium chloride
- Lay onto bowl, airdry

Not re-usable. Home compostable, no controlled conditions needed.