

What I am creating is a single-use, biodegradable festival jewelry, one where you can wear and feel glamorous without guilt. This unconventional method is a better alternative to the single-use festival jewelry that is common today. So what exactly is biodegradable plastic, and why is it a better alternative? Biodegradable plastic is a type of plastic designed to break down naturally, offering a sustainable alternative to traditional plastics that decompose quickly and are made from renewable resources. Festival jewelry comes in a wide variety: earrings, bracelets, light sticks, dye, slogans, etc. To simply state it, these items can be made by sourcing renewable plastic such as cornstarch, then processing it into bioplastics through polymerization, molding the bioplastics into desired shapes, and finally adding embellishments as a final touch. This alternative could be useful on many different occasions where "single-use" jewelry or items are inevitable, such as concerts, school functions, theme parks, proms, and more. That already provides a better opportunity by having many uses. Other than having diverse ways to utilize, single-use festival jewelry provides benefits such as being skin-friendly in the safety aspect, as well as reducing plastic and lowering the carbon footprint in the environmental aspect.

Though it may seem unconventional and useless at first, this alternative can significantly reduce waste and provide the best alternative in diverse events. With this replacement, you can glamor without guilt, as all your jewelry will return to the Earth.

*Glamour without Guilt*

# Festival Jewelry

## Biodegradable Plastic

Single-use Eco-friendly Festival Jewelry

### What is Biodegradable Plastic?

Biodegradable plastic is a type of plastic made to break down naturally. Microorganisms help with this process where in the end, it returns to the environment. They also offer a sustainable alternative to traditional plastics, by breaking down quickly and being made from renewable resources

### What?



**bracelet**  
material: PBAT



**earrings**  
material: PLA



**light stick**  
material: Starch-based plastic



**color**  
material: HPC, biodegradable plastisol

### Usage?



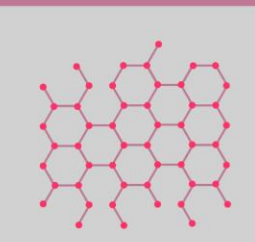
#### Could be used in various events

more events where "single-use" is inevitable

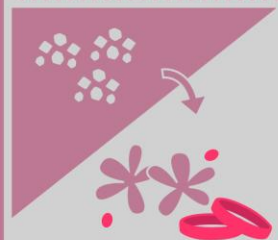
### How?



**Step1**  
source renewable plastic like cornstarch



**Step2**  
process them into bioplastic through polymerization



**Step3**  
mold the bioplastic into desired shapes



**Step3**  
add embellishments and finish the jewelry pieces

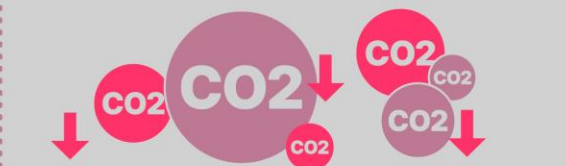
### Benefits?



#### Skin friendly



#### Reduces plastic



#### Lowers carbon footprint