

## ESSURE DEVICE

Chromium	Molybdenum	Tin
Gold	Nickel	Titanium dioxide
Iridium	Platinum	Titanium sulphate
Manganese	Silver	

### Detail

The outer coil is made from “nitinol” which contains nickel and titanium.

The inner coil is made from 316L stainless steel which contains in varying amounts, chromium, nickel, manganese and molybdenum. Silver solder most commonly contains silver, tin and copper.

Although nickel is a well-known allergen it has been stated that the highest amount of nickel released into the blood stream from the Essure coils was 0.14 micrograms per day. Given that so many women appear to be reacting to these implants and that in an allergic person there is no such thing as a “safe” amount allergy should be explored through MELISA testing.

## Conceptus<sub>®</sub>

### MATERIALS IN THE ESSURE SYSTEM (ESS305)

The Essure System is a **Latex Free** device. The Essure System is composed of the following materials:

Metals: Nickel-Titanium Alloys  
Platinum with 10% Iridium  
Stainless Steel Alloys  
Silver Solder  
Gold

Polymers: Acrylonitrile Butadiene Styrene (ABS)  
Polytetrafluoroethylene (PTFE)  
Polyvinyl Pyrrolidone (PVP) Hydrophilic Coating  
PET (Polyethylene Terephthalate) Fibers  
PET (Polyethylene Terephthalate) Shrink Tubing  
Pebax  
Carbothane



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