



## **Strip -Free™** Stripping Solution for Gold Plated Items

### **Product Description:**

**Strip-Free™** is a non-cyanide, efficient gold stripper used to remove plated gold from a wide variety of plated surfaces.

**Strip-Free™** offers a low cost, easily maintainable alternative to other cyanide based stripping solutions.

**Strip-Free™** is supplied as a liquid for ease of makeup and operation.

### **Applications:**

Strips gold deposits from nickel, rhodium, stainless steel, nickel-free, or steel substrates. Do not use on silver for extended time.

### **Cautions: Read all safety information before using this product**

1. Use only with proper ventilation.
2. Wear gloves, safety goggles, apron.
3. Avoid contact with eyes and skin.

### **Operating Conditions:**

<b>Temperature</b>	<b>120-150°F (49E - 65E C)</b>
<b>Current Density</b>	<b>Reverse plate at 3-6 Volts (30-100 ASF)</b>
<b>PH</b>	<b>4-4 2</b>
<b>Beaker</b>	<b>Pyrex</b>
<b>Anodes</b>	<b>Stainless Steel</b>

### Bath Set Up:

1. Fill beaker with **Strip-Free**<sup>TM</sup> and heat to 140EF.
2. Check connections from rectifier to anode and work to be sure they are reversed. Negative (-) and positive (+) wires are connected properly. The work should be charged positive (+) , and the anode negative (-). Turn rectifier on.
3. **Reverse** Plate for 30-90 seconds at 3-6 volts depending on size of part and thickness of gold which is being stripped.
4. Larger parts require slightly higher voltage, while smaller parts require lower voltage. If part shows any burning such as dark grey or rough deposits around the edges, you are burning the part and must lower the voltage. If part is not stripped after 3- 5 minutes of stripping, voltage it too low, there increase voltage slightly.
5. After stripping rinse part thoroughly in water and either dry or replate. If replating: Dip part in Activator-T for 2 minutes, rinse, plate a **mirror** finish, rinse, then continue plating process with a **Decorative** finish such as gold or silver.

### Trouble Shooting:

Pieces not Plating	\$	Check power supply, make sure switch is on.
	\$	If switch is on, check fuse.
	\$	Check connections from power supply to anode and part.
	\$	Voltage too low
	\$	Anode/ Cathode connections are reversed to plate not strip.
Plated layer under gold is black or grey or	\$	Voltage is too high.
Pieces turn hazy, cloudy, and too dull	\$	Excessive stripping time

### Discard and Replace:

#### Change solution when stripper becomes inactive or very dirty.

**Strip-Free**<sup>TM</sup> is a rugged bath and guidelines have been provided to help assure the long life of this bath. If, however, a problem should arise that cannot be solved by any of the above recommendations, or recommendations by our or any other qualified laboratory, the bath may need to be replaced: Transfer to a DOT approved container. Check with local authorities for proper disposal.