

Metal Plating Safety Infographic



The Plating Process

How It Works



Disassembly

Assures all surfaces will be properly plated.



Stripped

Removes particles which can blister or flake a plate-layer.



Polishing

Refines and evens surfaces in preparation for plating. Even the smallest imperfections must be smoothed and polished.



Plate Bath

Plating deposit begins. The longer an object is exposed to a current, the thicker the plating will become.



Set Up

Connect the negative electrical lead of the rectifier to the substrate and place the positive lead directly in the plating solution.



Cleaned

Object is dipped into cleaning solution and electrified.



Post Treatment

In order to prevent tarnishing and improve resistance, an anti-tarnish or clear coat treatment may be used.



Waste Disposal

Electroplating can create hazardous material. If processed correctly, this waste can be recycled back into the plating process.

Finished Product!



More information at:
www.americanplating.com

Source: <http://www.americanplatingcompany.com>