Brownells Room Temperature Nickel Stripper is an immersion-process chemical stripper developed to remove both electrolytic and electroless nickel plating from steel, copper, and copper alloys. The process is safe, simple, and requires no heat, agitation, or electrical hookups.

The mixed solution will remove nickel plating at the approximate rate of 1/4 to 3/8 mil per hour. One gallon of solution will remove 2-4 oz. of nickel.

**MIXING**

Brownells Room Temperature Nickel Stripper is made up of two ingredients, Part A and Part B. These two parts are mixed with distilled water at the ratio of 1 part A and 1 part B, plus three parts water. One quart each of parts A and B mixed with 3 quarts distilled water will yield 5 quarts (or 1.25 gallons) of stripping solution.

To mix one gallon of stripping solution, combine 25.5 oz. each of parts A and B with 77 oz. of water. To mix five gallons for larger tanks, combine one gallon each of parts A and B with three gallons of distilled water.

**TANKS**

Brownells Room Temperature Nickel Stripper can be used in tanks made of steel, stainless steel, glass, or polypropylene. An ordinary plastic bucket works quite well.

**PARTS PREPARATION**

For best results, firearms should be disassembled before attempting to strip them. Consult owner’s manuals or other assembly/disassembly publications. All lubricants and preservatives must be removed. If not, they will retard the stripping process. Recommended cleaning products are Brownells TCE, lacquer thinner, acetone, and similar solvents. In addition, heated, water-soluble cleaners such as Brownells Dicro-Clean 909™ can be used.

**STRIPPING**

Pre-cleaned parts are stripped by suspending them in the tank of Brownells Room Temperature Nickel Stripper. We recommend placing wooden dowels across the top of the tank and hanging the parts to be stripped by pieces of black iron wire. Brownells Room Temperature Nickel Stripper will remove nickel at the rate of .00025” to .001” per hour. Typical “tank time” for most firearm parts will range from 30 minutes to 4 hours. Visual inspection is the best means to determine the progress of parts being stripped. Older nickel-plated pistols and revolvers typically have a very inconsistent plating thickness. It is quite common to see large areas stripped clean within a short time while areas adjacent to corners and assembly joints, such as where the barrel is screwed into the frame, may take several hours. It sometimes helps to periodically lift out the parts and gently scrub the slower stripping areas with a brass brush, and then place them back into the solution.

When the parts are fully stripped, suspend them over the tank for several minutes to allow as much of the solution as possible to drip back into the tank. Rinse with clean water, dry, and proceed with refinishing. If refinishing is not going to proceed immediately, parts should be treated with Brownells Hold or Water Displacing Oil to prevent rust.

**MAINTENANCE**

No special steps are needed to maintain the solution. It will deplete uniformly until it no longer does the job. Do not attempt to “replenish” the solution by adding Parts A and B, or by adding water. To avoid excessive evaporation, always cover the tank when not in use.

**TEMPERATURE**

As the name indicates, Brownells Room Temperature Nickel Stripper is intended to be used at ambient temperature. It is, however, temperature sensitive. It will work faster at 90° F. than it will at 65° F., and will work faster at 100° F. than it will at 90° F. The warmer your working environment, the quicker the results. Do not apply heat directly to the solution.