

TECHNICAL DATA SHEET

METAL CURE - 934

Metal Cure 934 is specially formulated liquid additive for improving the performance of electrolytic nickel plating contaminated with metallic impurities and organic contamination. Small additions are extremely effective in reducing or eliminating, darkness or dullness of metallic impurities from the plating bath without affecting the final plate finish.

Metal Cure 934 also improves the tolerance to organic contamination and thus improves the chrome receptivity of nickel deposits from contaminated solution.

Metal Cure 934 has the following **Advantages**.

- Effective in small quantities and costs very less to use in production.
- This can be used in Bright Nickel plating solution.
- This generally eliminates the needs for expensive time consuming low current density electrolysis except in heavily contaminated solutions.

ADDITIONS:

The optimum quantity to be added initially depends to a large extent on the level and type of contamination to be corrected. Normally the initial addition would be around 0.5-1.0 ml/lit. And if additional quantity is required to be added, based on plating results it should be added in small dosages.

MAINTENANCE ADDITIONS:

Metal Cure 934 is not generally on a regular basis and should be added only if plating tests indicate the necessity. Excess additions should be avoided since they can reduce leveling and deposit brightness.

GENERAL INFORMATION:

Metal Cure 934 is similar to other nickel addition agents and should be used as follows:

- Small additions are performed to larger ones.
- It should be diluted before adding to the plating solution.
- Additions should be spread over the whole surface area of the plating solution.

Metal Cure 934 is extremely effective in eliminating the harmful effects of zinc in nickel plating solution and hence has found wide usage in plating installation where mainly zinc die casting parts are plated.

DISCLAIMER:

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