

TITLE: Solara ion Reminder Note

Category: Solara ion

Document Number: 08 -1

Supplied by: Gerber Service

Last Modified: August 25, 2008

Summary: This weekly Solara ion Reminder Note contains three items:

- Use Only Gerber Swabs on Solara ion print heads
- Limit amount of GerberCAT flush used when cleaning the print heads
- UV Shield Maintenance

Issue: Use Only Gerber Swabs when cleaning the print head on the Solara ion

Using non-Gerber swabs can cause problems when cleaning the print heads. The Gerber Fisher Scientific foam-tipped swabs (P77970A) have a certain abrasiveness and absorbency that we have found work with the Solara ion. Other swabs, which may closely resemble Gerber Fisher Scientific foam tipped swabs, may actually cause nozzles to go out.

Issue: Limit amount of GerberCAT flush used when cleaning the printheads

Be sure to limit the amount of GerberCat Flush Solution, (P78454A) whenever cleaning the print heads. It is critical to use no more than one drop to saturate the Fisher Scientific foam-tipped swab (P77970A). Using more than a single drop will over-saturate the swab and may allow the print head vacuum pressure to absorb excess solution into the print head itself. If this happens, the extra solution will dilute the GerberCat ink causing it not to cure properly during printing.

 **To use the GerberCat Flush Solution properly**

- 1 Moisten each of the four foam-tipped swabs (all heads will be cleaned at the same time) with one drop of GerberCat Flush Solution each.
- 2 Using the four swabs, press both sides of each of the swabs together to evenly distribute the flush solution. (Never use old swabs to clean a print head. Never use one swab on two different color print heads.)
- 3 Wipe the print head(s) using light pressure from back to front three times.
- 4 Dispose of swabs according to local regulations.

Continued next page

Issue: UV Shield Maintenance and Printer Maintenance Shelf

The UV shield and the Printer Maintenance Shelf should be checked and cleaned during every head cleaning. This procedure should be done after you have completed the head cleaning process and before you lift the maintenance shelf.

 **To clean and check UV Shield**

- 1 Move the UV Shield away from the parked position to the left in order to gain access. (The shield can be accessed from under the gantry.)
- 2 Using a razor blade gently scrape the cured ink off the shield, being careful not to damage the shield.
- 3 After all the cured ink is cleaned off, use a lint free cloth that has been dampened with water. Wipe down the shield.
- 4 Dry shield with a lint free cloth and raise the shelf.

 **To clean printer maintenance shelf**

- 1 Using a razor blade gently scrape the cured ink off the shelf, being careful not to damage the shelf.
- 2 After all the cured ink is cleaned off, use a lint free cloth that has been dampened with water. Wipe down the shelf.
- 3 Dry shelf with a lint free cloth.