

<b>Section B</b>	<b>CBC Super Glue Unit</b>	<b>Subsection 3</b>
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**Name of Procedure:**

CBC Super glue Unit

**Suggested Uses:**

The CBC unit is a portable unit for the application of super glue to items of evidence and may also be used to process human bodies for the presence of latent impressions. This unit may be used in areas which normal super glue techniques may not be applicable such as exterior of vehicles or large bulky items. Super glue should be used as a preliminary process when utilizing a number of subsequent processing techniques. Fluorescent dyes staining with laser examinations are dependent on super glue fuming to be effective.

**Equipment Needed to Perform Procedures:**

A - CBC Unit

B - Commercially prepared super glue

**Chemical(s) Needed for Preparation of Chemical Solution(s):**

Not Applicable

**Formula/Directions for Preparation of Chemical Solution(s):**

Not Applicable

**Processing Procedures for Application to Item(s) of Evidence:**

The CBC unit should be used only in a well ventilated area and should not be left unattended for any length of time. The unit will become very hot on the inside and top during operation.

**Start Up/Cool Down:**

1. Connect the unit hose or attachments which are provided.
2. Open the top door panel of the heating chamber and remove the super glue tray holder.

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3. Place a super glue tin on the holder and add a few drops of super glue (For larger items additional drops may be necessary) and replace in the heating chamber.
4. Turn on the fan and the heating unit and let the system warm for approximately ten (10) minutes. The fumes will start to flow from the end of the hose when the unit is ready.
5. Slowly move the hose over the item of evidence to apply the super glue. If the fumes stop flowing from the hose, the procedure may be repeated until all areas are processed.
6. Once the item has been processed, allow the entire unit to cool with the fan running for fifteen (15) minutes prior to returning the unit to storage.

### **Steps To Preserve Developed Impressions:**

The most appropriate methods to preserve developed impressions is through photography, using the proper techniques (See Photographic Equipment/Procedures) and/or electronically recording the impressions (See Image Processing). The item of evidence can be powder processed after super glue fuming and lifted with lift tape or photographed to preserve the impression (See Powder Processing).

The super glue fuming process is vital to any subsequent treatment with fluorescent dyes and laser and/or alternate light source examinations (See Fluorescent Dyes and Laser/Alternate Light Sources).

### **Safety Concerns:**

Use the unit only in a well ventilated area.

Wear protective goggles and a mist respirator during operation.

Allow the unit to properly cool prior to returning to storage.

### **Storage and Location of Chemicals and Solutions:**

Store the unit in an area which is room temperature with all hoses and attachments inside the unit.

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**Shelf Life:**

Not Applicable

**Other Information:**

Refer to the CBC operating manual for further information on controls and specifications.