

SAFETY OVERVIEW

Please read the [FabPro 1000 User Guide](#) for complete safety information. The FabPro 1000 is an efficient SLA printer that produces high-fidelity parts from a broad range of materials. Before using the printer, you must have a safety program in place to ensure a sound working environment.

ULTRAVIOLET (UV) RADIATION

Radiation Wavelength - $\leq 405\text{nm}$

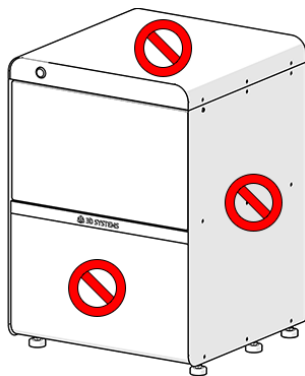
Under normal operating conditions, UV radiation is completely confined. Printer door should remain closed during printing.



Never stare directly into the projector.



Wear UV-protective eye wear.



Do not remove panels during printing.

EMERGENCY SHUTDOWN

The printer does not have an emergency shutdown button, nor does the power button fully cut power to the machine. In the case of an emergency, unplug the machine.



RESIN HANDLING AND SAFETY

Store resin in the opaque, non-reactive containers they shipped in. Dispose of waste resin according to all local, state, and federal regulations. If liquid resin contacts skin, wash with soap and COLD water.



Always wear chemical-resistant gloves, such as nitrile, when handling liquid SLA resins.



Wear safety glasses to prevent liquid resin splashing into eyes. If resin gets in eyes, flush immediately with COLD water for 15 minutes. Avoid sources of light. Discard contact lenses with resin on them. Obtain medical attention if irritation persists.



If you experience any physical complications from inhaling liquid-resin fumes, seek medical attention.



The resin-curing process generates heat. If liquid resin is on the skin, and you walk under a light source like the sun or indoor lights, this exothermic reaction could burn you.

POST-PROCESSING TOOLS

Included platform scraper, tweezers, film scrapers, and diagonal cutting pliers are sharp. Take care not to cut yourself. A safe workplace is a happy workplace!

CLEAN WORKPLACE

Always maintain a clean 3D-printing environment. Clean any resin spills or sticky surfaces with ethanol or isopropyl alcohol (IPA) and paper towels. Keep printer clean of dust and debris to avoid print failures.

LEVELS OF USER

Operator - Those who have purchased the printer and have read all printer manuals. The operator may print a 3D part and perform simple printer service tasks, as outlined in the [User Guide](#). Operators 18 and under must be supervised.

Depot-Repair Personnel - We do not recommend that the operator performs advanced service tasks unless trained, and instructed, to do so by 3D Systems Service personnel. Advanced tasks are repair procedures that are not outlined in the printer's User Guide. For tasks that the Operator is not able to perform, the printer may be sent back to 3D Systems for depot repair.