The 3D resin printing cycle: the safety guide

ALVEO3D
www.alveo3d.com

1. Resin preparation (shake the bottle)

2. Opening the bottle

3. Filling the resin tray

4. Printing the 3D object

5. Opening the printer

6. Automated cleaning of the object

7. Manual cleaning of the object

8. UV light treatment

9. Removal of supports

10. Post treatement sanding / painting

11. Preparing the 3D printer

How to protect yourself

Our recommendation guide

Nitrile gloves

Avoid contact of the resin with the skin during hadling

Safety glasses

Prevent resin from splashing into eyes

Respiratory mask with ABEK cartridge

Protection against VOCs in non-enclosure phases

Filtered/ventilated enclosure

Filtration of particules and VOCs in the phases without user intervention:

- Products storage
- 3D printing
- Automatic cleaning
- UV treatment