

Instruction for Use

DLP SG Clear

Introduction

DLP SG Clear is for professional dental applications use. Additional, information on safety and environmental are also enclosed within. For more information, please contact the reseller or [Applylabwork](http://applylabwork.com).

Indications for use

For fabrication of dental surgical guide accessories via light-curing 3D printers with wavelength range of 385 – 405 nm.

Contraindications

Do not deviate from Instruction and Indication of Use. DLP SG Clear resin contains (methyl) acrylate monomers and oligomers which, though rare, may cause an allergic reaction (H317, H315, H319, H335) to individuals who are sensitive. In case of allergic symptoms, please seek medical assistance.

Cautions:

1. Printing lab with proper ventilation and proper personal skin and eye protection gears (P280). Wash thoroughly after handling.
2. Review [Material Safety Data Sheet](#) (MSDS) before use.
3. Skin contact: thoroughly wash with soap and cold water.
Eye contact: cold water flush thoroughly for 30 minutes, seek medical attention.
Ingestion: immediate medical attention.
Inhalation: see fresh air immediately.

Printing Considerations

1. Ensure that the 3D printers are validated by applylabwork.com
2. Follow the printing tips on applylabwork.com closely.
3. Remove the printed parts with dedicated clean tools.
4. Clean the printed parts with A&B **fresh isopropanol [IPA >95%] bath** (see tips for detail). Total IPA clean time should not exceed 5 minutes. Follow with compressed air to dry the printed parts. Prolonged IPA bath is not recommended, it may result in reduced mechanical properties.
5. Printed parts **must dry** in a shaded and well-ventilated location for **minimum of 25 minutes**, parts must be free of isopropanol.
6. UV post-curing under settings verified by applylabwork.com for optimal mechanical properties.



STERILIZATION

Autoclave: **15 minutes at 121°C (250°F)**. Longer or hotter autoclave cycle is not needed.

STORAGE CONDITION

Cool, dry with ambient temperatures (15-26°C / 59-79°F), away from light source.

WASTE DISPOSAL

The solid state DLP SG Clear can be disposed as normal plastic waste. The liquid resins should only be disposed according to governmental regulations.

CONTACT

To report product issues, please contact [ApplyLabWork](#).