


ApplylabWork MD-R002CR Laser Modeling Clear V2



ApplylabWork MD-R002CR Laser Modeling Clear V2 Instruction Manual

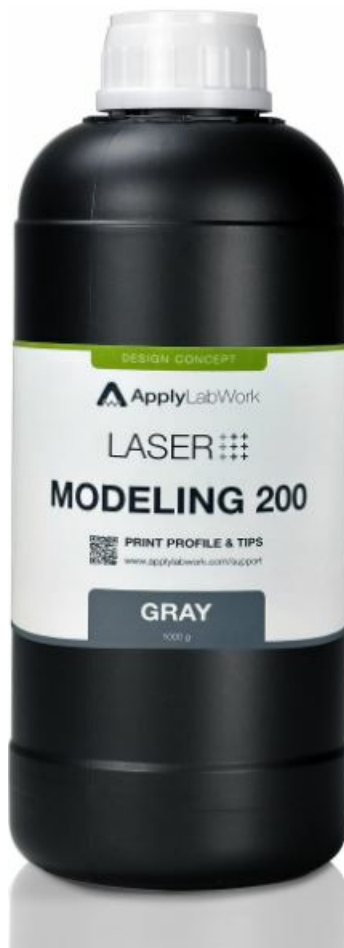
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ApplylabWork MD-R002CR Laser Modeling Clear V2



Product Information

Specifications

- **Product Name:** Laser Modeling Clear V2 (MD-R002CR)
- **Compatible with:** Form 3 Series Printers
- **Resin Type:** Clear V2
- **Recommended Cleaning Solution:** IPA 95% or higher, FormWash, or ultrasonic cleaner
- **Post-Curing Options:** FormCure 35 for 15 mins, FormCure 60 for 30 mins

Product Usage Instructions

Refilling Resin Cartridge

1. Refill Clear V2 resin into Clear-V4 cartridge.
2. Open the air vent on the cartridge and turn it upside down.
3. Drip dry through the air vent for at least 5 minutes to minimize cross-contamination.
4. Refill the cartridge, shake well, and insert it into the printer for printing.

Washing Process

1. Clean the printed model with IPA 95% or higher, FormWash, or an ultrasonic cleaner for 5 minutes.
2. After washing, shake off or blow off residual IPA from the model.

3. Allow the paint to dry for 60 minutes in a shaded and ventilated area before UV post-curing. (The dried print might be slightly tacky to the touch.)

Post-Curing Instructions

For optimal transparency, you can skip post-curing. However, follow these steps for specific needs:

- To minimize yellowing: Use FormCure 35 for 15 minutes.
- To achieve optimal mechanical strength: Use FormCure 60 for 30 minutes.

The yellow hue from post-curing fades within one week.

FAQ

- **Q:** Can I use other cartridges instead of Clear-V4 for this resin?
- **A:** Yes, you can use Universal Cartridge in North America or other regions as an alternative solution.
- **Q:** How long should I let the paint dry after washing before post-curing?
- **A:** Allow the print to dry for 60 minutes in a shaded and ventilated area before UV post-curing.
- **Q:** What should I do if the dried print feels tacky to the touch?
- **A:** If the print feels tacky after drying, proceed with post-curing as recommended for optimal results.

APPLYLABWORK PRINTING INSTRUCTIONS

Form 3 Series Printers Laser Modeling Clear V2 (MD-R002CR)

Check

- The resin tank and optical path are clean
- Shake the resin bottle well before use

Cartridge

Refill this resin into a Clear-V4 cartridge. Open the air vent, turn the cartridge upside down, drip dry through the air vent for at least 5 minutes to minimize cross-contamination, refill, shake well, insert and print.

Alternative solution: Universal Cartridge

North America, Other Regions

PreForm Setting

- **Select Printer:** Form3 series
- **Select Material:** Clear V4
- **Layer Thickness:** 25-100µm

Resin	Clear V4
Layer Thickness	0.050 mm
Print Setting	Default

Washing

Clean IPA95% or higher, FormWash or ultrasonic cleaner for 5 minutes, after wash shakes off or blow off residual IPA, and allow the print to dry for 60 mins in a shaded & ventilated area before UV post-curing. (The dried print might be slightly tacky to the touch.)

Post-curing

- Optimal transparency for visual aid models, skip post-curing.
- For minimizing yellowing:
 - FormCure 35 °C / 15 mins.
 - To achieve optimal mechanical strength:
 - FormCure 60 °C / 30 mins.
 - The yellow hue from post-curing fades in one week.

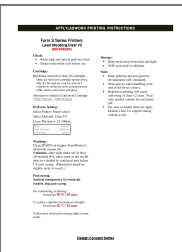
Storage

- Keep resin away from heat and light.
- NOT accessible to children.



Note

- Keep printing and post-process environment well-ventilated.
- Wear gloves when handling resin and avoid direct contact.
- Repetitive printing will cause yellowing of clear-v2 resin. Pour only the needed volume for each print job.
- For ease of model removal, apply the Default Clear V4 support setting without a raft.

Documents / Resources

	<p>ApplylabWork MD-R002CR Laser Modeling Clear V2 [pdf] Instruction Manual MD-R002CR Laser Modeling Clear V2, MD-R002CR, Laser Modeling Clear V2, Modeling Clear V2</p>
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References

-  [Universal Cartridge Module - Formlabs Compatible Product](#)
-  [ProtoART - Resellers](#)
- [User Manual](#)

[Manuals+](#), [Privacy Policy](#)

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