



RODIN®
3D Resin

A Pac-Dent Brand

UNIVERSAL Resin Cleaner

For Cleaning of All Uncured 3D Resins
Including Ceramic-Filled Resins



Instruction For Use



Device Description

Universal Resin Cleaner is a chemically formulated solution designed to safely and effectively remove uncured UV photopolymer from 3D printed objects. The solution can be reused multiple times without filtering or the need to refresh, offering a reliable and efficient cleaning workflow.

Intended User

The product is intended exclusively for use by:

- Dental professionals
- Dental laboratory technicians

Sales are restricted to:

- Dental supply dealers
- Teaching institutions
- Government dental facilities

Intended Use

Universal Resin Cleaner is designed for:

- Removal of residual uncured photopolymer resin from 3D printed objects.
- Use with turbulent wash systems or ultrasonic baths for optimal cleaning.
- Safe and effective cleaning of printed restorations such as crowns, bridges, veneers, dentures, all-on-X prosthetics, and aligners.

Contraindications

Do not use water at any stage when cleaning resins containing ceramic fillers. Exposure to water may cause permanent white, chalk-like discoloration on the print surface, compromising quality and integrity.

PPE Recommendations

Recommended personal protective equipment includes:

- Gloves
- Eye protection
- Lab coat
- Closed-toed shoes



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Direction For Use

1. Use compressed air to remove any residual resin from the printed object.
2. Place the object in a turbulent wash system or ultrasonic bath:
 - Small objects (crowns, bridges, veneers): 1 minute
 - Large objects (all-on-X prosthetics, dentures, aligners): 3 minutes
3. Once the prewash cycle is finished:
 - For resins containing ceramic filler: Dip a clean brush into a new bath that is filled with wash solution and thoroughly scrub the entire surface of the printed object.
 - For resins not containing ceramic filler: Place the object in a new turbulent wash bath or ultrasonic bath for 5 mins. Then rinse the printed object thoroughly with water.
4. Blow off any remaining wash solution or water with compressed air.
5. Inspect for sheen spots. If any remain, repeat steps 2–4.
6. Once the surface is completely free of sheen, proceed with curing.

Storage

Keep container tightly closed.

Store below 86°F (30°C).

Keep away from direct sunlight and ignition sources.

Consult the Safety Data Sheet (SDS) for additional handling details.

Waste Disposal

- Follow local, state, and federal guidelines for chemical waste disposal.
- Do not dispose of liquid resin cleaner directly into drains or trash.

Device Compatibility

Universal Resin Cleaner is designed for:

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- Use with turbulent wash systems or ultrasonic baths for optimal cleaning.
- Safe and effective cleaning of printed restorations such as crowns, bridges, veneers, dentures, all-on-X prosthetics, and aligners.

Order information

24056 – Rodin Universal Resin Cleaner, 1 Gallon (3.78 L)



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Disposal

Dispose in accordance with all federal, state and local regulations. Consult state and local hazardous waste regulations to ensure complete and accurate classification of waste. US EPA guidelines for the classification of hazardous waste are found in 40 CFR part 261.3. Liquid resin should be cured before being disposed of. Pour liquid resin into a clear container and set it in direct sunlight. Once it has cured, it can be treated as waste and disposed of in the regular trash.

Legal Disclaimer

Pac-Dent Inc. Release of Liability

Pac-Dent Inc. ("the Company") expressly disclaims any and all liability associated with the improper use of its products, including but not limited to its range of 3D printing resins, tools, and equipment intended for dental applications. The end user ("User") acknowledges and agrees that strict adherence to the instructional guidance provided by the Company is essential for the correct function and performance of the medical device ("Product").

The User understands that deviation from the provided instructional guidance, or the use of invalidated or unauthorized equipment in conjunction with the Product, may result in alterations to the function and performance of the Product. The Company shall not be held responsible or liable for any such alterations or any consequences thereof.

By using the Product, the User agrees to indemnify, defend, and hold harmless Pac-Dent Inc., its officers, directors, employees, agents, affiliates, successors, and assigns from and against any and all losses, claims, damages, expenses (including reasonable attorneys' fees), or liabilities of any kind arising out of, related to, or in connection with the User's deviation from the provided instructional guidance or use of invalidated equipment.

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The User's acceptance of the Product constitutes acceptance of these terms and an agreement to be bound hereby.



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