

*Bisco*

***ZirClean™***

*Restoration Cleaner*

## Instructions for Use



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**Caution:** U.S. Federal law restricts this device to sale by or on the order of a licensed Dentist.

# ZirClean™

## Restoration Cleaner

### GENERAL INFORMATION

**ZirClean** is a cleaning gel suitable for non-abrasive cleaning of the bonding surfaces of prosthetic restorations after intraoral try-in. Consequently, it helps to achieve reliable adhesive cementation results.<sup>1</sup>

#### Indications for Use:

**ZirClean** is an extraoral cleaner of pre-treated ceramic, zirconia and metal restoration surfaces which have been contaminated during intraoral try-in.

#### Contraindications:

- If the stipulated working technique cannot be applied.
- If cleaning is performed intraorally.
- For the cleaning of restorations which have come in contact with silicone-based pastes.

#### Warnings:

- May cause chemical burns.
- Do not breathe in fumes.
- In case of contact with eyes, rinse immediately with plenty of water and seek medical advice.
- Wear suitable protective clothing, gloves and eye/face protection.
- DO NOT use **ZirClean** to etch exposed enamel or dentin surfaces.
- Injury may result if **ZirClean** is allowed to remain on the skin or for extended periods of time. If contact with other tissues occurs, rinse immediately with a copious amount of water for several minutes.
- If resistance is met during dispensing, replace tip and re-check. Use only recommended tips.
- Do not allow any product to be ingested.
- Re-cap syringe with the luer lock cap.
- This material and its container must be disposed of as hazardous waste.

#### Cautions:

- Cross-contamination: Product may contain items that are designed for one time use. Dispose of used or contaminated accessories. Do not reuse.

#### Precautions:

- Contamination of the restoration with saliva or blood must be absolutely avoided after cleaning with **ZirClean**. In case of contamination, the entire treatment of the restoration must be repeated.
- Protective eyewear and gloves should be worn by operator and assistant.
- After cleaning, the primer must be reapplied to surfaces that were previously salinized and primed.
- Safety data sheet available on request.
- Safety data sheet available at [www.Bisco.com](http://www.Bisco.com)

### INSTRUCTIONS FOR USE

**NOTE:** Independent of whether or not the restorations have been conditioned beforehand, they should be cleaned according to the following cleaning protocol.

#### Non-Etchable Materials (Zirconia, Composite, Metal)

1. Try in (to check occlusion and fitting).
2. After try-in, thoroughly rinse the restoration with water spray and dry with oil-free air.
3. Remove cap from **ZirClean** securely attach tip and verify flow of material prior to application.
4. Cover all bonded surfaces of the restoration with a layer of **ZirClean**. Tips are single use only; make sure to dispose of them properly before using material again.
5. Allow 20 seconds for the cleaning action of **ZirClean** to take effect, then thoroughly rinse with water spray and dry with oil-free air.
6. Sandblast internal surface of restoration (unless restoration has previously been sandblasted)
7. Prime the bonding surface of the restoration with a suitable primer (such as Z-PRIME™Plus\*) according to manufacturer's instructions.

## **Etchable Materials (Lithium Disilicate, Feldspathic Porcelain)**

1. Try in (to check occlusion and fitting).
2. After try-in, thoroughly rinse the restoration with water spray and dry with oil-free air.
3. Remove cap from **ZirClean** securely attach tip and verify flow of material prior to application.
4. Cover all bonded surfaces of the restoration with a layer of **ZirClean**. Tips are single use only; make sure to dispose of them properly before using material again.
5. Allow 20 seconds for the cleaning action of **ZirClean** to take effect, then thoroughly rinse with water spray and dry with oil-free air.
6. Prime the bonding surface of the restoration with a suitable primer (such as PORCELAIN PRIMER\*) according to manufacturer's instructions.

**HYGIENE:** Re-cap syringes with the luer lock cap. Use of commonly available hygienic protective covering to avoid any contamination of syringes during treatment is recommended.

**DISPOSAL:** Refer to community provisions relating to hazardous waste. In their absence, refer to national or regional provisions relating to hazardous waste.

**STORAGE:** Store at room temperature (20°C/68°F - 25°C/77°F).

**WARRANTY:** BISCO, Inc. recognizes its responsibility to replace products if proven defective. BISCO, Inc. does not accept liability for any damages or loss, either direct or consequential, stemming from the use of or inability to use the products as described. Before using, it is the responsibility of the user to determine the suitability of the product for its intended use. The user assumes all risk and liability in connection therewith.

\*ZirClean and Z-PRIME are trademarks of BISCO, Inc.

\*PORCELAIN PRIMER is manufactured by BISCO, Inc.

<sup>1</sup>Based on comparison to untreated samples

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