

**SECTION 14: TRANSPORT INFORMATION**

LAND TRANSPORT ADR/RID AND GGVS/GGVE (GERMANY)

ADR, RID

UN 3077 UMWELTGEFÄHRDENDER STOFF, FEST N.A.G (Zinkoxid), III, 9

SEA TRANSPORT IMDG:

IMDG-Code

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

(zinc oxide), 9, III

EmS: F-A S-F

AIR TRANSPORT ICAO-TI AND IATA-DGR:

CAO, PAX

UN 3077 ENVIRONMENTALLY HAZARDOUS SUBSTANCE, SOLID, N.O.S.

(zinc oxide), 9, III

The transport regulations are cited according to international regulations and in the form applicable in Germany. Possible national deviations in other countries are not considered.

**SECTION 15: REGULATORY INFORMATION**

**CLASSIFICATION ACCORDING TO EC-GUIDELINES:** The product is a medical device according to EC-directive 93/42 EEC.

**CHEMICAL SAFETY ASSESSMENT:** A Chemical Safety Assessment has not been carried out.

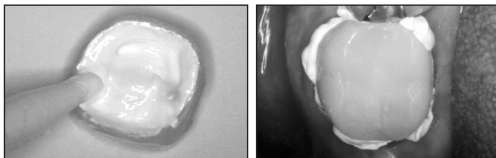
**SECTION 16: OTHER INFORMATION****CHANGES COMPARED WITH THE PREVIOUS VERSION:**

Adaptation according to 1907/2006/EG, Article 31.

The above information is based on our present day knowledge and relates solely to the safety requirements of the product. The data does not signify any warranty with regards to the products properties. However, users of the product should satisfy themselves that the information given is sufficient and correct for their specific circumstances of use.

# Cling<sup>2</sup>

## Resin Optimized Temporary Cement

**Intended Use**

Cling<sup>2</sup> is a non-eugenol, automix temporary cement designed as a medical device for cementing provisional crowns, bridges, inlays, and onlays.

Cling<sup>2</sup> shows excellent adhesion to temporary crown and bridge materials, but it can easily be removed from prepared tooth stumps. Delivered from an automix cartridge and/or syringe, Cling<sup>2</sup> is very easy and comfortable to use. Due to its non-eugenol formulation it does not influence the setting of resin-based filling and luting materials. Cling<sup>2</sup> is based on ZnO/organic acids. Especially in cases of allergies to eugenol it is strongly recommended to use this eugenol-free type of cement.

Cling<sup>2</sup> meets the requirements of DIN EN ISO 3107 and ADA/ANSI Specification No. 30.

**Instructions for Use**

Remove and discard the shipping cap from the cartridge or syringe (do not reuse). Attach a Cling<sup>2</sup> 1:1 mixing tip to the cartridge or syringe. Turn the mixing tip 90° until it locks into position. Cling<sup>2</sup> is now ready for application.

NOTE:

- Store used syringe with used mixing tip in place.
- Be sure to discard the first pea-sized (2-3mm) amount of cement to ensure a complete mix. This must be done for each new mix.

**Cementing**

Cling<sup>2</sup> can be applied directly into the temporary crown or bridge with slight pressure on the syringe plunger or cartridge gun.

Apply a thin layer on the inside of the temporary crown or bridge and seat no later than 1:30 minutes (working time) cautiously but firmly over the prepared tooth structures.

NOTE: Do not dry the preparations. It is best to moisten them with water.

A moistened preparation facilitates easy removal from the temporary crown or bridge when required.

Cling<sup>2</sup> sets in the mouth within 2-3 minutes. After Cling<sup>2</sup> has set, remove any excess.

**Precautions**

1. Do not use Cling<sup>2</sup> in cases where known allergies to the components exist.
2. Do not use Cling<sup>2</sup> if in some cases individual contact allergies may exist.
3. In case of contact with skin and eyes, rinse immediately with plenty of water and consult a physician, if necessary.
4. If swallowed, seek medical advice.

**Storage**

Store at temperatures between 47-78°F (8-25°C). Do not use after expiration date.

CLINICIAN'S CHOICE<sup>®</sup> does not accept liability for any loss or damage, direct or consequential, arising out of the use or inability to use this product. Before using, the user shall determine the suitability of the product for its intended use and the user assumes all risk and liability whatsoever in connection therewith.

**Keep away from children!****For dental use only!**

For questions or comments,  
please call:

 **Clinician's Choice**

 Manufactured for: Clinician's Choice Dental Products, Inc  
167 Central Ave., London, ON Canada N6A 1M6  
U.S. Distribution: Brookfield, CT, USA 06804  
1.800.265.3444 • 519.641.3066 [clinicianschoice.com](http://clinicianschoice.com)

1.800.265.3444  
519.641.3066  
[www.clinicianschoice.com](http://www.clinicianschoice.com)

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# Cling<sup>2</sup>

Resin Optimized  
Temporary Cement

## Safety Data Sheet

**SECTION 1: MATERIAL IDENTIFICATION & INFORMATION**

**MATERIAL NAME:** Cling<sup>2</sup> Resin Optimized Temporary Cement

**USE OF PREPARATION:** Dental product

 Clinician's Choice<sup>®</sup> Dental Products, Inc.  
167 Central Avenue, London, ON, Canada, N6A 1M6  
For U.S. Distribution: Brookfield, CT, USA, 06804

**TELEPHONE:** For emergencies or product information  
1-800-265-3444 or (519) 641-3066 (8:00am - 5:00pm EST)  
or email info@clinchianschoice.com

**DATE OF ISSUE:** 20.05.2015

**DATE OF REVIEW:** 17.06.2020

**SECTION 2: HAZARDS IDENTIFICATION**

**CLASSIFICATION OF THE SUBSTANCE OR MIXTURE:**

**CLASSIFICATION ACCORDING TO REGULATION (EC) NO 1272/2008:**

Acute aquatic toxicity, Category 1, H400 Very toxic to aquatic life.

Chronic aquatic toxicity, Category 1, H410 Very toxic to aquatic life with long lasting effects.

Skin Irritation, Category 2; H315 Causes skin irritation.

Eye Irritation, Category 2; H319 Causes serious eye irritation.

STOT SE, Category 3, H335 May cause respiratory irritation.

**INFORMATION CONCERNING PARTICULAR HAZARDS FOR HUMAN AND ENVIRONMENT:**

The product has to be labeled due to the calculation procedure of the "General classification guideline for preparations of the EU" in the latest valid version.

**CLASSIFICATION SYSTEM:**

The classification corresponds to actual EU-lists, and completed with details from technical literature and company data.

**LABEL ELEMENTS:**

**LABELING ACCORDING TO REGULATION (EC) 1272/2008:**

**HAZARD PICTOGRAMS**



**SIGNAL WORD**

Warning

**HAZARD STATEMENTS**

H400 Very toxic to aquatic life

H315 Causes skin irritation

H319 Causes serious eye irritation

H335 May cause respiratory irritation

**PRECAUTIONARY STATEMENTS:**

P262 Do not get in eyes, on skin or on clothing.

**LABELING ACCORDING TO EU GUIDELINES:**

Medical devices as defined in Directive 93/42/EEC and which are invasive or used in direct physical contact with the human body; are exempted from the provisions of Regulation (EC) No. 1272/2008 (CLP/GHS) usually if they are in the finished state and intended for the final user.

**OTHER HAZARDS**

**RESULTS OF PBT AND vPvB ASSESSMENT**

PBT: Not applicable

vPvB: Not applicable

**SECTION 3: COMPOSITION/INFORMATION OF INGREDIENTS**

**CHEMICAL CHARACTERIZATION:** Mixture

**DESCRIPTION OF MIXTURE:** Mixture of organic acids, zinc oxide and methacrylates

**HAZARDOUS COMPONENTS:**

Zinc Oxide [CAS-No. 1314-13-2]	GHS09, H410, H411
Methacrylates [Index-No. 607-134-00-4]	GHS07, H315, H319, H335
Mixture of Organic Acids	GHS07, H315, H319, H335

**SECTION 4: FIRST-AID MEASURES**

**GENERAL INFORMATION:** No special measures required.

**AFTER SKIN CONTACT:** Wash with plenty of water and soap.

**AFTER EYE CONTACT:** Rinse opened eye for several minutes under running water and consult a doctor.

**AFTER SWALLOWING:** Seek medical advice immediately.

**SECTION 5: FIRE FIGHTING MEASURES**

**EXTINGUISHING MEDIA:** CO<sub>2</sub>, powder, water spray.

Use extinguishing method and media suitable to surrounding fire.

**SPECIAL HAZARDS ARISING FROM THE SUBSTANCE OR MIXTURE:**

No further relevant information available.

**PROTECTIVE EQUIPMENT:** Wear self-contained respiratory protective equipment.

**SECTION 6: ACCIDENTAL RELEASE MEASURES**

**PERSONAL PRECAUTIONS, PROTECTIVE EQUIPMENT AND EMERGENCY PROCEDURES**

**ENVIRONMENTAL PRECAUTIONS:** Do not allow to enter drains/surface water/ground-water.

**METHODS FOR CLEANING UP:** Take up mechanically. Clean up affected area.

**REFERENCE TO OTHER SECTIONS:**

See Section 7 for information on safe handling.

See Section 8 for information on personal protection equipment.

See Section 13 for disposal information.

**SECTION 7: HANDLING AND STORAGE**

**HANDLING:** This product should only be supplied or handled to dentists or dental technicians or upon their instructions.

**PRECAUTIONS FOR SAFE HANDLING:** Observe normal care for working with chemicals.

**INFORMATION ABOUT FIRE AND EXPLOSION PROTECTION:** No special measures required.

**STORAGE:**

**REQUIREMENTS AT STOREROOMS AND CONTAINERS:** Store only in the original containers.

**FURTHER INFORMATION ON STORAGE CONDITIONS:** Store at dry place, storage temperature 8 - 25°C. Store away from food.

**SPECIFIC END USES:** No further relevant information available.

**SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION**

**COMPONENTS WITH LIMITS OF VALUES TO BE SUPERVISED AT THE WORKPLACE:** The product contains no relevant quantities of components with limit values to be supervised at the workplace.

**ADDITIONAL INFORMATION:** The lists valid during the making were used as basis.

**PERSONAL PROTECTIVE EQUIPMENT:**

**GENERAL PROTECTIVE AND HYGIENIC MEASURES:** The usual precautionary measures are to be adhered to when handling chemicals. Keep away from food and beverages.

**HAND PROTECTION:** Protective gloves. Due to missing tests no recommendation to the glove material can be given for the product.

**EYE PROTECTION:** Safety glasses

**RESPIRATORY PROTECTION:** Required, when aerosols are generated.

**SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES**

**INFORMATION ON BASIC PHYSICAL AND CHEMICAL PROPERTIES:**

**APPEARANCE:**

**FORM:** Paste

**COLOR:** White yellowish

**ODOR:** Odorless

**SAFETY RELEVANT BASIC DATA**

Melting point/melting range: n.a.

Boiling point/boiling range: n.a.

Flash point: n.a.

Ignition temperature: Product is not self-igniting

Danger of explosion: None

Density: 1,71 (20 °C) g/cm<sup>3</sup>

Vapor pressure: Not applicable (non volatile)

Solubility in/Miscibility with: Slightly in toluene, organic solvents

Water: Insoluble

Content of solvents: None

Organic solvents: None

**SECTION 10: STABILITY AND REACTIVITY**

**THERMAL DECOMPOSITION/CONDITIONS TO BE AVOIDED:**

No decomposition if used according to specifications.

**POSSIBILITY OF HAZARDOUS REACTIONS:** No dangerous reaction known.

**CONDITIONS TO AVOID:** Avoid heat, direct sunlight

**INCOMPATIBLE MATERIALS:** Peroxides, metal powders, strong oxidizers, free radical initiators

**HAZARDOUS DECOMPOSITION PRODUCTS:** No dangerous decomposition products known.

**SECTION 11: TOXICOLOGICAL INFORMATION**

Allergic reactions to methacrylates by chronic exposure to the product are possible.

**ACUTE TOXICITY:**

**PRIMARY IRRITATION:**

**SKIN:** Slightly irritating

**EYE:** Irritating effect

**SENSITIZATION:** No sensitizing effect known.

**ADDITIONAL TOXICOLOGICAL INFORMATION:** When used and handled according to specifications, the product does not have any harmful effects to our experience and the information provided to us.

**SECTION 12: ECOLOGICAL INFORMATION**

**TOXICITY:**

**AQUATIC TOXICITY:** May cause long term adverse effect in the aquatic environment.

**PERSISTENCE AND DEGRADABILITY:** No further relevant information available.

**BEHAVIOR IN ENVIRONMENTAL SYSTEMS:**

**BIOACCUMULATIVE POTENTIAL:** No further relevant information available.

**MOBILITY IN SOIL:** No further relevant information available.

**GENERAL INFORMATION:** Do not allow product into surface water or sanitary sewer system.

**SECTION 13: DISPOSAL CONSIDERATION**

**PRODUCT:**

**RECOMMENDATION:** Use proper landfill disposal or incineration in accordance with local, state and federal regulations.

**UNCLEANED PACKAGING:** Handle contaminated packaging in the same way as the substance itself.

**RECOMMENDATION:** Disposal must be made according to official regulations.

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