



Instructions For Use

MAX-ETCH is a 35% phosphoric acid etchant solution with an optimum viscosity. The flowability allows precise placement, including occlusal grooves, yet is viscous enough to prevent migration. MAX-ETCH is self-limiting in its depth of etch (average depth of 1.9µ with 20 second etch). This etchant contains no glycerin and is designed for rapid and complete removal upon rinsing.

INDICATIONS FOR USE

Used for etching enamel and dentin prior to applying bonding adhesives and placing composite restorations or dental sealants.

DIRECTIONS FOR USE

1. FOR 5ML SYRINGE

- Remove luer cap
- Securely attach working tip of choice
- Verify etchant flow prior to applying intraorally

2. FOR 30ML SYRINGE

- Remove luer cap from syringe
- Attach the luer-lock "coupler" to the uncapped end of the MAX-ETCH 30ml syringe by placing the coupler on the end of the syringe and firmly rotating until fully engaged (1/2 turn).
- Ensure the plunger on the MAX-ETCH 1.2ml syringe is pushed into the barrel as far as it can go. Place the uncapped end of the empty MAX-ETCH 1.2ml syringe on the open end of the luer-lock coupler and rotate until firmly engaged (1/2 turn).
- Depress 30ml syringe plunger while guiding 1.2ml syringe plunger to desired fill.
- Separate syringes and re-cap 30ml syringe with luer cap.
- Securely attach working tip to 1.2ml syringe.

3. DIRECT PLACEMENT INSTRUCTIONS

- Isolate tooth (teeth)
- Use pumice, disk or diamond bur on uncut enamel
- Rinse and dry prepared area
- Verify etchant flow prior to applying intraorally
- Apply etchant to enamel and dentin (20 seconds)
- Rinse thoroughly, dry and proceed per adhesive manufacturer's instructions

4. RESTORATIVE PHOSPHORIC ACID CLEANSING

- Apply etch to inside of porcelain veneer or crown for 5-10 seconds
- Rinse and dry

PRECAUTIONS AND WARNINGS

- Carefully read and understand all instructions before using.
- Keep out of the reach of children.
- If product comes in contact with any soft tissue, IMMEDIATELY rinse area with copious amounts of water.
- Near pulp exposures should be treated with a protective base prior to placing etchant.
- Re-cap, disinfect and wipe syringe with an intermediate level disinfectant between uses. If syringe cover is used, remove tip, re-cap and discard syringe cover.
- Dispose of tip and empty syringe properly.
- Verify flow of all syringes prior to applying intraorally. If resistant is met, replace tip and recheck. Use only recommended tips. To avoid cross-contamination, do not re-use tips.
- Store at room temperature.
- Do not use after expiration date noted on the container.



For Professional Use Only



Corrosive



18°C/65°F 29°C/85°F

Recommended storage temperature

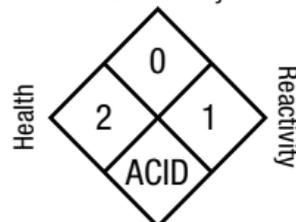


Do not re-use to avoid cross contamination



Use by date

MAX-ETCH
Flammability



HAZARD RATING

- 4 = Severe
- 3 = Serious
- 2 = Moderate
- 1 = Slight
- 0 = Minimal



CLINICIAN'S CHOICE
DENTAL PRODUCTS INC.

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(519) 641-3066

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Material Safety Data Sheet

1. Identification of Substance/Preparation and Company/Undertaking

Product Name: MAX-ETCH 35% Phosphoric Acid
Product Description: Phosphoric Acid Dentin Etchant

MANUFACTURER:

CLINICIAN'S CHOICE® Dental Products, Inc.

167 Central Avenue,
London, ON, Canada, N6A 1M6

1-800-265-3444

(519) 641-3066

info@clinicianschoice.com

For U.S. Distribution: Brookfield, CT,
USA, 06804

2. Composition/Information on Ingredients

Chemical Name	CAS	EINECS	Classification	Wt. %
Phosphoric Acid	7664-38-2	231-633-2	C; R34	32-38
Cobalt aluminate blue spinel	1345-16-0	310-193-6	R36/37/38, R22	< 1
Cobalt zinc aluminate blue spinel	68186-87-8	269-049-5	R36/37/38, R22	< 1

(Full text of R-Phrases can be found under heading 16)

3. Hazards Identification

HAZARD DESIGNATION



"C" – Corrosive

R34: Causes burns

EMERGENCY OVERVIEW

Immediate Concerns: Corrosive. Will cause eye burns and permanent tissue damage.

POTENTIAL HEALTH EFFECTS

Eyes: Causes severe eye burns

Skin: Corrosive, causes skin burning

Ingestion: Harmful if swallowed

Inhalation: R37: Irritating to respiratory system

SIGNS AND SYMPTOMS OF OVER-EXPOSURE

Ingestion: May cause chemical burns to the mouth and throat. May also cause a burning sensation, swallowing difficulties, vomiting and diarrhea and possible shock.

4. First Aid Measures

Eyes: Immediately flush with plenty of water. After initial flushing, remove any contact lenses and continue flushing for at least 15 minutes. Have eyes examined and tested by medical personnel.

Skin: Wash with soap and water. Get medical attention if irritation develops or persists.

Ingestion: If swallowed, rinse mouth with water. Do NOT induce vomiting. Give victim a glass of water or milk.

Call a physician or poison control immediately. Never give anything by mouth to an unconscious person.

Inhalation: Remove to fresh air. If not breathing, give artificial respiration or give oxygen by trained personnel. Seek immediate medical attention.

5. Fire-Fighting Measures

Fire-Fighting Procedures: General: Evacuate all personnel; use protective equipment for fire-fighting.

Use self-contained breathing apparatus when the product is involved in fire.

Fire-Fighting Equipment: Non-combustible

6. Accidental Release Measures

Small Spill: Clean up spills immediately, observing precautions in Protective Equipment section.

Large Spill: Absorb with inert, damp non-combustible material, then flush area with water.

ENVIRONMENTAL PRECAUTIONS

Water Spill: Do not allow to enter sewers or drains that may lead to waterways.

7. Handling and Storage

General Procedures: Avoid contact with eyes, skin and clothing.

Handling: Use suitable protective equipment.

Storage: Room temperature

8. Exposure Controls/Personal Protection

Personal Protective Equipment

Eyes and Face: Wear eye protection

Skin: S36/37: Wear suitable protective clothing and gloves.

Respiratory: S51: Use only in well-ventilated areas.

9. Physical and Chemical Properties

Physical State: Gel

Odor: Odorless or no characteristic odor

Color: Blue

Solubility in Water: Partially soluble in water

10. Stability and Reactivity

Hazardous Polymerization: No

Stability: Stable when stored and handled under recommended conditions.

Conditions to Avoid: Avoid strong bases, metals. Excess heat, exposure to moist air or water.

Hazardous Decomposition Products: Phosphine, oxides of phosphorous, hydrogen gas

Incompatible Materials: Strong caustics, most metals.

Comments: Reacts with bases to form phosphate salts and is corrosive (especially when hot) to many metals and alloys.

Liberates explosive hydrogen gas when reacting with chlorides and stainless steel, and reacts violently with sodium tetrahydroborate. Forms flammable gases with sulfides, mercaptans, cyanides and aldehydes.

Also forms toxic fumes with cyanides, sulfides, fluorides, organic peroxides, and halogenated organics.

11. Toxicological Information

Eye Effects: Causes severe eye burns

Skin Effects: Corrosive, causes skin burning

12. Ecological Information

Environmental Data: R50/53: Very toxic to aquatic organisms, may cause long-term adverse effects in the aquatic environment.

Ecotoxicological Information: Water pollutant

13. Disposal Considerations

Disposal Method: Dispose of in compliance with governmental regulations.

(EC 1975L0442-20/11/2003)

14. Transport Information

ROAD AND RAIL (ADR/RID)

Proper Shipping Name: Corrosive liquid, n.o.s. * Phosphoric acid mixture

Hazard Class: 8

Packing Group: III

AIR (ICAO/IATA)

Shipping Name: Corrosive liquid, n.o.s. * Phosphoric acid mixture

UN/NA Number: 1760

Primary Hazard Class/Division: 8

Packing Group: III

VESSEL (IMO/MDG)

Shipping Name: Corrosive liquid, n.o.s. * Phosphoric acid mixture

UN/NA Number: 1760

Primary Hazard Class/Division: 8

Packing Group: III

Limited Quantity: 1L

15. Regulatory Information

EUROPEAN COMMUNITY

EEC Label Symbol and Classification

"C" Corrosive

R34: Causes burns

Comments: IARC has identified Cobalt and Cobalt compounds as "possibly carcinogenic" as a group, however IARC did not specifically identify the cobalt compound in this product as a possible carcinogen.

OSHA: Select carcinogens: Present

16. Other Information

Relevant R-Phrases: R34: Causes burns

R36/37/38: Irritating to eyes, respiratory system and skin

R22: Harmful if swallowed

Prepared by: Peter G. Jordan

Manufacturer Disclaimer: FOR DENTAL USE ONLY. Use as directed. The information and recommendations are taken from sources (raw material MSDS(s) and manufacturer's knowledge) believed to be accurate; however, the manufacturer makes no warrant with respect to the accuracy of the information or the suitability of the recommendation and assumes no liability to any user thereof. Each user should review these recommendations in the specific context of the intended use and determine whether they are appropriate.

WARRANTY: Clinician's Choice® Dental Products Inc. will replace MAX-ETCH, free of charge, if proven to be defective and when stored according to the manufacturer's specifications. Clinician's Choice Dental Products Inc. does not accept liability for any loss or damage, direct or consequential, arising out of the use of or the inability to use this product. Before using, the user shall determine the suitability of the product(s) for its intended use and the user assumes all risk and liability whatsoever in connection therewith.

CAUTION: U.S. Federal law restricts this device to sale by, or on the order of, a dentist.

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