

ALGINATE IMPRESSION MATERIAL

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Indications:

Alpha-dent® Alginate Impression Material is indicated for making dental impressions for the fabrication of casts for orthodontic models, opposing models and case study models.

Contraindications:

Alpha-dent® Alginate Impression Material is contraindicated in patients with a history of severe allergic reaction to crystalline silica, calcium sulfate or potassium titanium fluoride.

Warnings:

1. This product contains silica, crystalline (airborne particles of respirable size) which is known by the State of California to cause cancer. Prior to use read the Material Safety Data Sheet and product instructions.
2. Mix water and powder carefully to minimize dust inhalation risk and decrease airborne particles to exposed individuals.

Precautions:

1. Review instructions and MSDS prior to treatment. Use only as directed.
2. Use in a well-ventilated area.
3. Always close canister lid immediately after each use.
4. Store at room temperature and low humidity. Do not store at temperature greater than 25°C or expose to excessive humidity.

Adverse Reaction:

Pre-existing upper respiratory and lung diseases may be aggravated by exposure to this product.

Instructions for Use:

1. Tumble closed container to fluff the powder.
2. Dip the scoop lightly into the powder until the scoop is full. Do not pack the scoop against the container wall. Tap the scoop with a spatula to insure full measure without voids. Scrape off excess with spatula to achieve a level scoop.
3. Empty scoop into a clean, dry mixing bowl. Repeat steps 1 and 2 until the desired amount of powder is in the mixing bowl. Partial impressions require one scoop of powder. Typical impressions require two scoops of powder. Larger impressions require three scoops of powder.
4. For each scoop (9 grams) of powder add ½ vial (23 ml) of water (23°C/73°F). Note: Colder water will retard the setting while warmer water will accelerate the setting.
5. Mix water and powder carefully with a spatula until all powder is fully wetted. Once wetted mix vigorously by spatulating against the sides of the bowl to reduce incorporating air into the mixture to produce a smooth consistency (45 seconds).
6. Apply impression material into the tray by wiping the spatula against the trays rim.
7. Insert filled tray into the patient's mouth. Press gently into position. Hold motionless until set (see attached table).
8. Once material has set, break the seal with a snap like motion and remove from the mouth. Have the patient rinse with warm water. Check and remove any residual material from the patient's mouth and/or between the teeth.
9. Rinse the impression material under running water.
10. Disinfect impression material in a 1:10 dilution of household bleach (sodium hypochlorite) solution for 10 minutes. Other suitable water based disinfectants can be used.
11. Rinse thoroughly under running water. Shake gently to remove excess water. Pour cast immediately for best results. If cast pouring is delayed, wrap impression in a wet paper towel and place within a sealed plastic bag. Do not delay pouring more than 24 hours since distortion is related to the delay in pouring and the water evaporation.

	Normal Set	Fast Set
Mixing Time	45 s	45 s
Working Time	2' 00"	1' 20"
Initial Setting Time	2' 20"	1' 40"
Total Setting Time	3' 30"	2' 30"

Alpha-dent® Alginate Impression Material is compatible with the following die materials.

- Pristine III Basestone* (Type III)
- Whip Mix Silky-Rock Violet* (Type IV)

* Not products of Dental Technologies, Inc.

IMPORTANT

- Store at room temperature and low humidity.
- Do not store at temperature greater than 25°C.

Complies with ADA Specification No. 18 and ISO 1563.



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