

COECALTM

DENTAL

STONE

TYPE III

CAUTION:

Contains: Calcium Sulphate Hemihydrate

This product may develop sufficient exothermic heat to cause burns if a large mass, such as a cast of a hand or arms, is allowed to harden in contact with the skin.

Do not take internally. If this happens CALL A PHYSICIAN.

When mixing or otherwise working with this material, if the work place air is dusty, wear a NIOSH approved nuisance dust mask.

FOR DENTAL USE ONLY



Directions

Mixing proportions: 100 parts COECAL powder with 30 parts water, by weight. Place the water in a clean bowl and add COECAL slowly to permit powder to absorb water. After approximately 30 seconds, spatulate for 1 minute with a round-edge stiff bladed spatula until thoroughly mixed. Before pouring rinse impression in cold running water and shake dry. Plaster impressions must be soaked in water to prevent dehydration of water from the COECAL mixture. Vibrating improves the surface, density, and strength of COECAL. The COECAL cast may be separated from the impression in 30 minutes. COECAL is used for study casts, working casts, and flasking procedures. Standard powder-water proportions are recommended.

COECAL should be stored at room temperature. Gypsum materials are subject to deterioration when exposed to the atmosphere, particularly to high humidity.

PHYSICAL PROPERTIES

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| Water/powder ratio | .30/100 |
| Initial set | .8-12 minutes |
| Setting expansion | .0.13% |
| Compressive strength, 1 hour, p.s.i. | .4350 (306kg/cm ²) |



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