

Alginate - Fast Set

1. DESCRIPTION

Alginate is a powder which, when mixed with water forms a gel suitable for taking impressions of human tissue.

2. ADVANTAGES

- Natural plant extract
- Mixes with water
- Excellent reproduction of fine detail
- Quick setting
- Self releasing
- Peppermint flavoured
- Simple to use
- Excellent elastic properties and stability
- Extremely fine powder for smooth easy mix
- Especially formulated to be dustfree in normal use

3. APPLICATIONS

A moulding compound considered suitable for body moulding and life casting. It has been used for many years in the dentist industry and is considered safe for use on human skin.

4. CHARACTERISTICS

a) CONSTITUENTS:

Product Name	Form	Colour	Odour
Empress	Powder	Pink	Peppermint
Ortho Algin	Powder	Blue	Peppermint
Proalgin	Powder	Purple - Pink - White	Peppermint

b) TYPICAL COMPOSITION

COMPONENT	%w/w
Potassium Fluorotitanate	01 -05
Diatomaceous Earth Filler	60 -70
Calcium Sulphate Dihydrate	10 -20
Triethanol Amine Alginate	10 -20
Magnesium Oxide	01 -05
Tetrasodium Pyrophosphate	01 -05
Sodium Alginate	05 -10
Flavour/Dust Suppressant	05 -10

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c) MIXING

Mixing Time: 1 min from start of mixing
Setting Time: 1 min 40 sec to 2 min 10 sec (at 23°C)

The skin should be lubricated with petroleum jelly to protect hair growth. The paste should be applied quickly to the area to be moulded. The best outer casing for the mould is quick setting surgical bandage. A cast should be taken within 15 to 20 minutes of mixing.

If immediate casting is not possible, the alginate mould should be sealed in a polythene bag along with a damp cloth.

5. PACKING

Available as fast set - 2 min. 20 sec. Regular set 3 mins.
Tub measure/instructions 908 gm
Bulk pack - 8 x 908 gm Refill bags
Refill bags - 908 gm

Export in multiples of bulk pack and refill bags or tubs.
50kg drums.

6. STORAGE AND HANDLING

Keep unopened foil bags in a clean dry place away from harmful or hazardous chemicals and where the bags cannot be punctured. Use the contents of each bag at one sitting. Avoid moisture entering the powder as this will render it unusable. Keep away from direct sunlight.

7. HEALTH & SAFETY

(Refer to Health & Safety Data Sheet)

Alginate is a powder containing gypsum and sodium alginate with potassium titanium fluoride, in an inert base. It is considered non-hazardous and safe for oral applications.

8. SHELF LIFE

Alginate in the original unopened container will be serviceable for 24 months if stored at 18 - 20°C in dry dark conditions away from direct sunlight.

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