

# Activation on application.

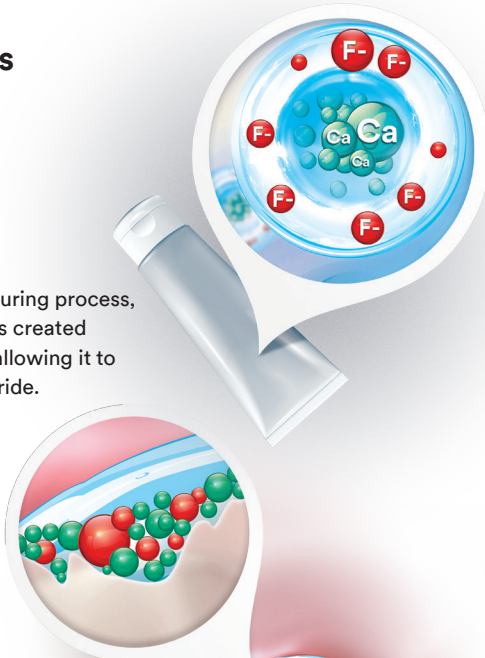
## 3M's Tri-Calcium Phosphate ( $\beta$ -TCP) – Smart technology for your smile

Fluoride, calcium and phosphate all play an important role in improving tooth structure. The problem has been that calcium and fluoride can combine during storage to form calcium fluoride which renders the fluoride less effective. 3M's exclusive  $\beta$ -TCP technology protects the calcium with a barrier. Once applied, saliva breaks the barrier down, making the calcium, phosphate and fluoride readily available to the tooth for optimum results.

### How it works

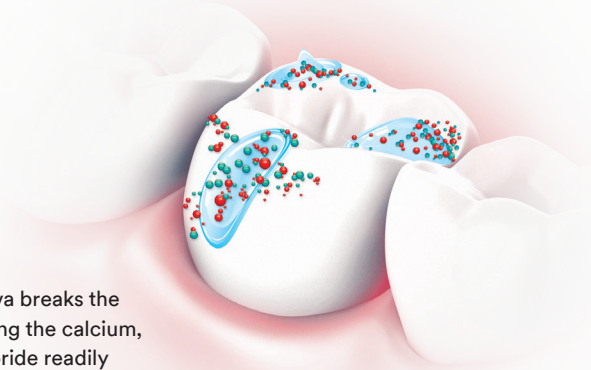
**1**

During the manufacturing process, a protective barrier is created around the calcium allowing it to coexist with the fluoride.



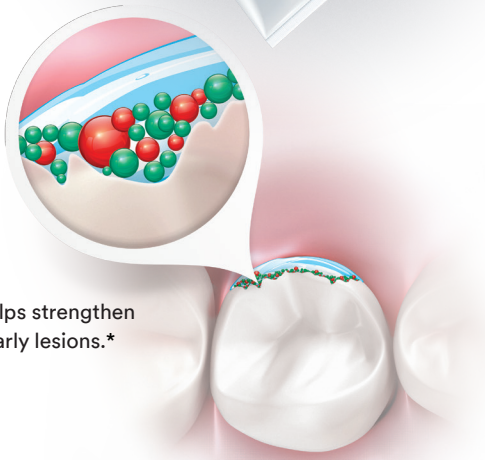
**2**

When applied, saliva breaks the barrier down, making the calcium, phosphate and fluoride readily available to the tooth.



**3**

Powerful formula helps strengthen enamel and repair early lesions.\*



**4**

A healthy oral environment undergoes a constant cycle of demineralization and remineralization.  $\beta$ -TCP enhances the remineralization process.



Preventive products with our exclusive  $\beta$ -TCP technology help protect tomorrow's smiles.

### 3M™ Vanish™ White Varnish (5% Sodium Fluoride) NPN: 80003435



- Aids in the prevention of cavities by delivering 22,600 ppm of fluoride.
- Takes just seconds to paint on – and goes on white, so it's virtually invisible.
- Three delicious flavours to choose from: Cherry, Melon and Mint.

### 3M™ Clinpro™ 5000 Anti-Cavity Toothpaste (1.1% Sodium Fluoride) NPN: 80012416



- Strengthens teeth through remineralization of tooth enamel.\*
- Helps reverse white spots before they become cavities.\*