

Manufacturer: SeaquistPerfect Dispensing
Model: Secure™ Closure with Pump
ASTM Type: Not classified (not child-resistant)

Description:

This is a finger pump dispenser (Figure 1). Both the closure and bottle use a unique thread design to prevent removal of the pump from the bottle, i.e., due to the design of the closure, the pump cannot be unscrewed from the bottle. However the closure screws onto the bottle in a conventional way. It should be noted that the pump mechanism itself is not child-resistant. This type of package is intended to meet the requirement of a permanently attached pump that need not be child-resistant.



Figure 1

Unlike normal threads on a standard closure and bottle that have a fixed distance from the entrance to the end of the thread flanges, the distance between the thread flanges tapers from the entrance to the end of the thread flanges on both the bottle (see white lines Figure 2A) and the closure (Figure 2B). This design provides a tight engagement of the closure threads to the bottle threads to prevent removal of the closure from the bottle. Note that the nonchild-resistant finger pump has a plastic overcap with it (Figure 2B).



Figure 2A



Figure 2B

There are no manufacturer's instructions on this closure.