1. The sealing member has an inwardly directed annular flange 50 seated in said groove. The width of the flange is less than that of the groove so that the flange can move in the groove when the cap 18 is partially unscrewed from the neck. Due to the resilient nature of the materials used, the flange 50 can be snapped into the groove during the assembly of the elements. Mounted opposite the boss 30 on the sealing member is a conical plug 52 which is slightly smaller than the outlet orifice 22.

In operation, when cap 18 is screwed down tightly on neck 12, the sealing member is brought down so that the boss 30 becomes firmly seated on the ring member 44 and thus closes the opening 46. At the same time, the flange 50 slides down in groove 48 until it rests on the lower side of the groove. Also, due to the resiliency of the disc portion 26, the plug 52 is pushed upward and closes the outlet orifice 22. This prevents the entry of dust or any other matter through the closure cap. To open the bottle, the cap needs to be turned through an angle of about 90 to 180°. This carries the resilient sealing member and the boss upwardly so as to open the opening 46. The flange 50 travels upwardly into groove 48 until it reaches the upper side of the groove where it is stopped and this, in turn, limits the rotation of the cap 18. The contact of the flange with the side of the groove forms a seal for preventing the bottle contents from flowing down and leaking through threads 14. This also has the effect of exerting a downward stress on the disc portion 26 so that the disc will return to normal position and pull the plug 52 out of the outlet orifice 22. A passageway is then formed from the interior of the bottle 10 through the opening 46, the holes 32 and the outlet orifice 22. The pressure on the resilient walls of the bottle 12 will cause the contents of the bottle to be ejected through outlet orifice 22.

Having now described the means by which the objects of the invention are obtained, 1 claim:

1. A bottle closure comprising an exteriorly threaded bottle neck; a bottle cap having a threaded skirt portion screwed to said neck and a cap portion having a centrally positioned outlet orifice, a resilient sealing member secured within said cap and composed of a disc portion and an annular cylindrical portion; boss means on said disc portion for bearing on said neck to close the neck outlet opening, and a plurality of holes through said disc portion and surrounding said boss means for forming a passageway from said neck through said outlet orifice when said cap is partially unscrewed from said neck; a resilient insert secured to said neck and having an insert opening closable by said boss means, an annular groove in the periphery of said insert, and an inwardly turned annular flange on said cylindrical portion engaged in said groove, said flange having a thickness less than the width of said groove for being movable therein to contact a side of said groove to form a seal when said cap is partially unscrewed from said neck.

2. A closure as in claim 1, further comprising a conical plug on said disc portion and aligned with said outlet orifice for closing said orifice when said cap is screwed tight.

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