Claims:

1. A blister package for a contact lens, the blister package comprising a base sheet and a sealing sheet, wherein:

the base sheet includes a bowl,

the sealing sheet includes a sealing surface and a dome that protrudes from the sealing surface,

the base sheet having a transition surface extending radially outward from the bowl,

the dome having a radius of curvature of about 13 mm to 19 mm and a height of less than 7 mm relative to the sealing surface,

the transition surface having a convex surface having a radius of curvature from 1.0 mm to 5.0 mm,

the dome protruding into the bowl, thereby forming a cavity between the dome and the bowl,

the base sheet and the sealing sheet being releasably attached to each other, thereby releasably sealing the cavity.

2. The blister package of claim 1, wherein the dome has a radius of curvature of 13 mm to 19 mm and a height of 1 mm to less than 7 mm relative to the sealing surface.

3. The blister package of claim 1, wherein the cavity has a volume of 2.0 mL or less.

4. The blister package of claim 1, wherein the bowl has a radius of curvature that is less than the radius of curvature of the dome and a depth that is greater than the height of the dome.

5. The blister package of claim 1, wherein the base sheet includes a flange portion that extends outwardly from the periphery of the bowl.

6. The blister package of claim 1, wherein the sealing sheet further comprises a pull-tab.

7. The blister package of claim 1, wherein the base sheet and the sealing sheet independently comprise a foil material.

8. The blister package of claim 1, wherein the cavity contains a contact lens.

9. The blister package of claim 8, wherein the contact lens is orientated with its concave surface facing towards the dome.

10. The blister package of claim 8, wherein the cavity also contains a contact lens packaging solution.

11. The blister package of claim 10, wherein the contact lens and contact lens packaging solution fill at least 60 percent of the total volume of the cavity formed between the bowl and the dome.

12. The blister package of claim 10, wherein the contact lens and contact lens packaging solution are sealed within the cavity.

13. The blister package of claim 12, wherein the contact lens and contact lens packaging solution are hermetically sealed within the cavity.

14. A method of removing a contact lens from the blister package of claim 8, the method comprising peeling the sealing sheet away from the base sheet such that the dome and the contact lens are pulled away from the bowl.

15. The method of claim 14, wherein the blister package is positioned such that as the sealing sheet is peeled away from the base sheet, the packaging solution is contained within the bowl.

16. The method of claim 14, wherein the concave surface of the contact lens is reversibly adhered to the dome.

17. The method of claim 14, wherein the contact lens is removed from the dome and placed on the surface of an eye.

18. The blister package of claim 1, wherein the dome has a radius of curvature from 14 mm to 18 mm, and the bowl has a radius of curvature from 9 mm to 13 mm.

19. A blister package for a contact lens, the blister package comprising a base sheet and a sealing sheet, wherein:

one of the base sheet and the sealing sheet includes a bowl,

the other of the base sheet and the sealing sheet includes a sealing surface and a dome that protrudes from the sealing surface,

the dome having a radius of curvature of 15.7 mm and a height of about 4 mm relative to the sealing surface,

the dome protruding into the bowl, thereby forming a cavity between the dome and the bowl,

the base sheet and the sealing sheet being releasably attached to each other, thereby releasably sealing the cavity.