This invention relates to containers and is concerned primarily with the provision of a novel type of container which is intended to have a closure which may be detachably maintained in airtight sealing relation with respect thereto.

The present invention has in view, as its paramount objective, the provision of a container which is intended to receive a cementitious material which is commonly employed by shoemakers and those engaged in shoe repairing, and there are two factors of importance which must be adequately satisfied by a container which is designed for such use. The first of these is that the container have a closure which may be detachably maintained in airtight sealing relation with respect to the container. This is of importance because if air is admitted to the cementitious material, a drying out and other deleterious effects result. Another factor is the provision of means whereby the container may be readily positioned at a point where it will be accessible to the shoemaker.

With these conditions in mind, this invention has in view, as a further objective, the provision of a container of the character above described which contains means for detachably affixing the same to an appropriate support and which container also has associated therewith a closure and detachable means for maintaining the closure in airtight sealing relation with respect to the container.

Another more detailed object of the invention lies in the provision of a container which is shaped so as to accommodate a handle of a brush which ordinarily will be used in applying the cementitious material. While the integrity of the closure is not fractured so as not to impair the airtight seal, this closure is shaped to provide a recess into which the handle of the brush, which ordinarily is in the container, projects.

Inasmuch as the provision of a rubber gasket involves the use of a rubber gasket and due to the fact that such rubber gaskets are subject to attack by the chemical action of the cementitious material ordinarily employed in this art, a further object in view is the provision of means for protecting this rubber gasket.

The invention has in view, as a further objective, the provision of a supporting framework which is designed to detachably carry a glass or other similar container and which framework also includes means for detachably affixing same on the support, and also means for detachably maintaining a closure in airtight sealing relation with respect to the glass container.

Various other more detailed objects and advantages will in part become apparent and in part be hereinafter stated as the description of the invention proceeds.

The invention, therefore, comprises a container intended for use in the shoe repairing industry and which container includes means for detachably affixing same on a support. A closure having a recess for accommodating a handle of a brush is associated with the container and adapted to be maintained in airtight sealing relation with respect thereto by a clamping device which is also carried by the container. Suitable packing elements are employed, together with means for protecting same from the chemical action of materials which may be included in the container.

For a full and more complete understanding of the invention, reference may be had to the following description and accompanying drawing wherein:

Figure 1 is a side view, partly in section and partly in elevation, of a container made in accordance with the precepts of this invention.

Figure 2 is a plan view of a closure element, and

Figure 3 is a side view with parts removed of a somewhat modified form.

Referring now to the drawing, wherein like reference characters denote corresponding parts, a container 10 is shown as being of a generally cylindrical formation and having a reduced neck 11 which is spaced from the main cylindrical portion of the container 10 by a shoulder 12. At this point it is well to note that container 10 may be made from any suitable material but I have found that an appropriate metal or alloy is well adapted for this purpose.

Extending from one side of the container 10 is an ear 13 which may be properly supported by a web shown at 14. This ear 13 carries a screw-threaded clamping element 15 which is provided at one end with a handle 16 and at the other end carries a plate 17 in a freely floating position.

Just above the ear 13 and adjacent to the top of the container 10, the latter is formed with a flat extension 18 which is designed to cooperate with the plate 17 to grip the edge of a table or other similar support. It is obvious that the handle member 16 may be availed of to thread the member 18 to cause the plate 17 to cooperate with the extension 18 in firmly gripping the supporting element.

Extending upwardly from the extension 18 is
an upright 18 which is turned over at its upper extremity as indicated at 20 and this turned-over portion is provided with a threaded opening 25 which is located coaxial with the external container 10. A screw member 21 is received in this opening and has at one end a pointed extremity 22 and at its other end carries an operating member in the form of a handle 23.

A rubber gasket 24 is received in the notch defined by the reduced neck 11 and shoulder 12 and this gasket 24 may be protected by a thin metallic gasket 25 which overlies the gasket 24.

A closure member is referred to as 26 and is shown as formed with a dome-like central portion which provides a recess 27 into which may project the handle 28 of a brush. The upper portion of the dome-like closure is provided with a conical depression 40 which is complementary to and designed to receive the pointed extremity 22 of the screw clamping member 21.

Projecting upwardly to one side from the dome-like central member is a web-like construction 29 which is provided as a handle means to facilitate manipulation of the closure. At the lower extremity this closure member 26 is formed with a ring-like flange 30 which bears against the protective flange 25.

As shown in Figure 1, the container 10 receives a cementitious material such as is commonly employed in the shoe repairing industry and which is here referred to as 31. A brush is ordinarily left in the container and the handle 28 of this brush projects upwardly above the neck 11.

When the container is to be used under actual service conditions, the screw clamp 15 is properly manipulated to firmly position the container at a desirable accessible point. The closure member 26 is then positioned as shown in Figure 1, with the flange 30 engaging the packing element 25 and the handle 23 is rotated to cause the screw member 21 to urge the closure member 26 downwardly into airtight sealing engagement with respect to the container.

The cementitious material 31 in this container is now properly protected against the effects of evaporation which would be caused were this seal not provided. When the shoemaker is desirous of using the cementitious material, the handle member 23 is rotated to release the closure 25 and the latter is readily removed by grasping the web 29. After the shoemaker has applied the cementitious material by the brush 28, the latter is returned to the container and the closure again positioned in sealing position as shown in Figure 1.

Referring now more particularly to Figure 3, a somewhat modified form of the invention is shown in which a supporting framework, referred to generally by the reference character F, is shown as adapting the invention for use with a glass container referred to as 32. The supporting framework F is formed with the web 13, upper extension 18 and upright 19, in the manner and in connection with the disclosure of Figure 1 and these parts have the same functions as do the corresponding parts of the structure of Figure 1.

This supporting framework F is formed with a ring-like structure 33 which is formed with a threaded bore 34 which terminates at its upper end and a shoulder 35. Extending upwardly above the ring-like structure 33 is a reduced neck 36 which corresponds to the reduced neck 11 of the container 10. A shoulder 37 extends from the reduced neck 36 to the ring-like structure 33.

The glass container 32 is formed with a flange 38 which, when the container is assembled, bears against the shoulder 35, a ring-fastening element 39 being threaded into the threaded bore 34 to urge the flange 38 against the shoulder 35 and thus maintain the glass container 32 in assembled position with respect to the framework F. The reduced neck 36 and shoulder 37 receive packing elements in the manner described in connection with Figure 1, and the closure and associated clamping structure are also assembled in a similar manner.

While preferred specific embodiments of the invention are herein set forth, it is to be clearly understood that I am not limited to the exact constructions illustrated and described because various modifications of these details may be provided in putting the invention into practice within the purview of the appended claims.

I claim:

1. A container and closure assembly of the character described comprising a container, bracket means carried by the container for detachably affixing same on a support, a closure for the container, and clamping means carried by the bracket means for detachably maintaining the closure in airtight sealing relation with respect to the container.

2. A container and closure assembly of the character described comprising a container formed at its upper end with means for receiving a packing element, clamping means carried by the container for detachably affixing same on a support, said container also carrying an upright which overlies the open top of the container, said upright being formed with a threaded opening which is positioned substantially centrally of the container, a screw-threaded clamping element in said opening and a closure member formed with a recess receiving one end of said screw-threaded clamping member, said closure being of a dome-like construction and having a flange engaging the packing element carried by the container.

3. A container and closure assembly of the character described comprising a container formed with a reduced neck, a rubber gasket about said neck and a protective washer for said rubber gasket, an ear projecting from one side of the container, a screw clamping member carried by said ear, an extension extending outwardly from said container above said ear and adapted to co-operate with said screw clamping member, an upright on said extension having a turned-over upper end, said turned-over end being formed with a threaded opening substantially coaxial with the cylindrical container, a screw clamping member in said threaded opening and having a pointed end, an operating member at the other end of said screw clamping member, and a dome-like closure having a flange in engagement with said protective washer and a conical recess complementary to and receiving the pointed extremity of the last mentioned clamping member.

4. In a container and closure assembly of the character described, a supporting framework comprising a ring-like structure, means for detachably affixing a container to said ring-like structure, bracket means for detachably mounting the ring-like structure and means for operatively positioning a closure clamping element, said means being carried by the said bracket means and disposed above said ring-like structure.

5. A container and closure assembly comprising...
ing a framework formed with a ring-like structure having a threaded bore and a ring shoulder overlying said threaded bore, a container formed with a flange in said ring-like structure with the flange engaging the said shoulder, a retaining ring threaded in said bore and engaging said flange on the container, said framework being formed with an ear, means carried by the ear for detachably mounting the framework on a support, an overhanging upright also formed as a part of the framework, said upright being formed with a threaded opening which is substantially coaxial with the threaded bore, a screw-threaded clamping member in said threaded opening, and a closure member engaging the ring-like structure at one end and the last mentioned clamping member at the other.

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