WO 2020/210013 PCT/US2020/024210

for example, in connection with the production of interlaced embodiments as discussed elsewhere herein. Laser and ultrasonic trimming devices are also examples of equipment that can be used to cut the components of the present disclosure. The sheet stock may be perforated to allow for the exchange of air with the skin beneath the two-component device.

Application Considerations

The use of the device to close a laceration or incision will be discussed in greater detail below, however, a brief orientation at this stage in the discussion is helpful. In use, the adhesive-backed anchoring member of the first component of the device is applied to the skin of the animal or human patient adjacent to the laceration or incision to be closed. The wound edge of the first component is placed very near to the edge of the laceration or incision, but not so close as to introduce adhesive from the first component anchoring member into the open area of the laceration or incision. The one or more elongated connectors extend from the wound edge of the anchoring member of the first component, in a direction which is generally perpendicular to the wound edge, and extend across the area of a laceration or incision to the opposite side of the laceration.

A similar application procedure is followed for application of the second component, the procedure for the application of the second being the mirror image of the procedure for application of the first. Following application of the adhesive-backed anchoring members, the laceration is closed by either pushing anchoring members toward one another, or by pulling them together by grasping one or more elongated connectors from each component and pulling the laceration closed. Very fine adjustment can be made in the X and Y dimension ensuring laceration closure with minimal scarring. When the first and second component are positioned to the satisfaction of the physician, or other individual applying the device, the relationship of the two components is fixed by attaching the one or more elongated connectors of the first component to the anchoring member of the second component, and by attaching the one or more second elongated connectors of the second component to the anchoring member of the first component.

Adhesives

The adhesives selected for use in connection with the present disclosure must meet a number of requirements. First, adhesive which is to come into contact with the skin must be selected to minimize the potential for adverse reaction by the skin. That is, the adhesive selected should be hypoallergenic. Additionally, all adhesives, whether or not they are intended