

ABSTRACT OF THE DISCLOSURE

A speaker edge is made of a thermosetting composition consisting of a polyurethane prepolymer and an inactivated solid polyamine as a latent hardener. A gas is dispersed in the thermosetting composition, prior to feed into a mold, so that it can foam and solidify to give the speaker edge. In a method of making the speaker edge, the composition will be injected into a female mold segment heated below the critical thermosetting temperature, foaming the composition. Then placed in the female segment is a male segment heated above the critical temperature, causing the ingredients to react with each other to solidify in the mold. An apparatus for making the speaker edge from the composition has: a device for intake of a gas, another device for injecting the composition into the gas, another device for mechanically dispersing the gas throughout the composition, still another device for injection of this gas-containing composition into a female mold segment, a further device for placing a male segment in the female segment, and a still further device for solidifying the composition, while foaming it.



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