Hook: 2XL Dry fly hook, #10.
Thread: 8/0 brown.
Body shell: 2mm brown foam on top, 1mm tan or cream on bottom.
Body base: Tan or cream yarn.
Legs: Brown and tan centipede legs.
Antennae: Stripped grizzly hackle stems.

The unusual shape of the stink bug requires some clever foam manipulation. Consider making a template of the shape and cut out the top and bottom pieces. Then use small pieces of a toothpick and UV resin to give structural elevation. Glue the two pieces of foam together and trim any ragged edges. Attach legs at appropriate locations on hook shank. Then wrap the hook shank with the yarn through and around legs to form a base underbody. Attach body shell by its narrow neck on the front of the hook behind the eye. Then glue the rest of the body shell onto the yarn underbody with crazy glue. Hold or clamp until glue sets. Attach antennae and whip finish. The body shell is then colored with brown markers to highlight areas. Use black marker to color edges and accent. Use white enamel (model paint) to add needed spots.

Actual stink bug dimensions: length 1.7cm; width 1.5 to 1.6mm. Refer to online images of the Brown Marmorated Stink Bug for shape, size, body color, and leg and antennae color.
Fly designed by Sam Pleshar of Montana.