

I Got Sole Teacher Sheet

(Some of the possible answer choices to the questions)

1. There can be multiple answers: sofas, chairs, or stress balls that are frequently used.
2. If that particular material does not hold its shape it would quickly become unusable
3. Answers may vary
4. Rigid foams. The greater the degree of cross-linking or the greater the cross-linking density the more rigid a material becomes. You have more chains holding those molecules together.

Activities for further discussion:

This is a great website for more information on polyurethanes. It is kid friendly! There is some information about spandex. It is good for a discussion about tailoring polymers for specific properties. You may have students do a project about spandex! Wouldn't that be neat!

<http://pslc.ws/macrog/kidsmac/polyure.htm>