



California State University of Bakersfield, Department of Chemistry

Gel Bead Fun



Standards:

Content Standard 27: Students shall differentiate between aliphatic, cyclic, and aromatic hydrocarbons.

OC27 C.1 - Examine the bonding and structural differences of organic compounds:

- alkanes
- alkenes
- alkynes
- aromatic hydrocarbons
- cyclic hydrocarbons

OC27 C.2 - Differentiate between the role and importance of aliphatic, cyclic, and aromatic hydrocarbons.

OC27 C.3 - Compare and contrast isomers.

Introduction:

Hello it's Gell-O, here for some gooey fun! By taking calcium chloride and sodium alginate, you can make a fun and interesting substance that is enjoyable for everyone. A polymer is a long chain of repeating molecules and in this activity the polymer is Sodium Alginate. The Calcium cross links to the Sodium Alginate in order to form the gel like substance.

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