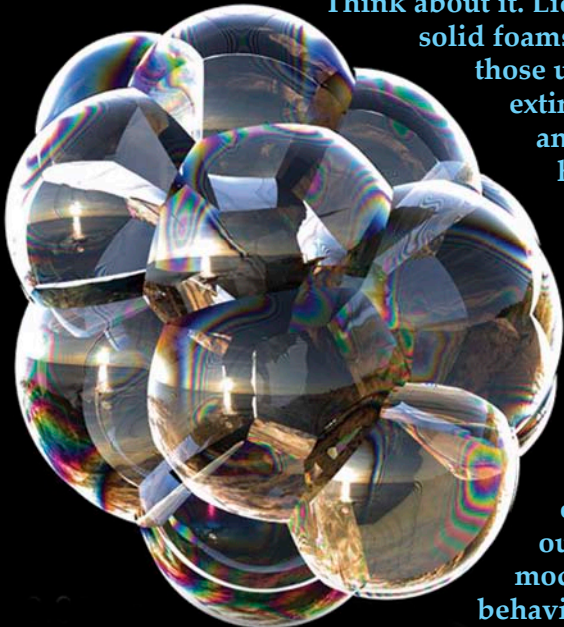


Tiny Bubbles

Studying bubbles may help improve firefighting and bicycle helmets. That's what researchers at University of California, Berkeley, and Lawrence Berkeley National Laboratory believe. Sound crazy?

Think about it. Liquid or solid foams such as those used in fire extinguishers and bike helmets are made up of bubbles. Studying how bubbles cluster, drain and burst, the researchers worked out a way to model cluster behavior with mathematical

equations, allowing them to predict the complex movements and evolution of foams.



SAYE & SETHIAN/UC BERKELEY/LBNL

Bubbly Facts

- In the 18th century, Champagne was sometimes called "the devil's wine" because bottles would mysteriously **explode**. In fact, cellar workers wore iron masks to prevent injury.
- The **pressure** in a bottle of Champagne is about 90 psi—that's roughly three times the pressure of a car tire.
- A standard-size Champagne bottle has about **49 million bubbles**.
- Marilyn Monroe supposedly took a Champagne **bath** consisting of about 350 bottles.
- A Champagne cork pops at about 40 mph and can travel as **fast** as 100 mph.
- The longest recorded **distance** travelled by a Champagne cork is 177 ft.
- Because labels were not originally used on bottles, wine makers **branded** the corks with an insignia.

"Meeting Franklin Roosevelt was like opening your first bottle of champagne; knowing him was like drinking it."

Sir Winston Churchill

"It is fun to be in the same decade with you."

Franklin D. Roosevelt, in a letter to Winston Churchill



Bubble Wrap

Bubble wrap was created in 1957 by two inventors trying to make a 3-D plastic wallpaper. If you think that's a ridiculous idea, you're not the only one. The idea was a flop, but the pair discovered the material was great for packaging.

Children also love the material for the sound it makes when popping the plastic bubbles. Recognizing this seemingly universal phenomenon, a Japanese company has created a bubble wrap toy that mimics the sensation and sound of the real thing—only these bubbles never pop.

Animated Bubbles

● In *Finding Nemo*, Bubbles was a yellow tang obsessed with bubbles.

● Bubbles, one of the *Powerpuff Girls*, is known for her bubbly personality.

● The Muppet known as Bill the Bubble Guy had a special talent for blowing bubbles out of his head.

● Bubbles was one of *Jabberjaw*'s four human friends, the others being Biff, Shelly and Clamhead, who formed the rock band "The Neptunes."

July Safety Photo of the Month



"It's no different than skiing."

Photo by Wayne Fernandez, Cascade Chapter

Congratulations to **John Lewis** of ASSE's West Florida Chapter for his winning caption contest entry, which appears below the photo.

If you have a cartoon, anecdote, joke or interesting safety item you'd like to submit for publication on this page, send your contribution to professionalsafety@asse.org. Submissions will not be returned.